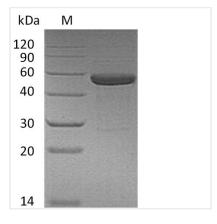




Recombinant Human Interleukin-15 & Interleukin-15 receptor subunit alpha (IL15 & IL15RA)(N120D) Heterodimer Protein (Active)

| Abbreviation Recombinant Human IL15&IL15RA Heterodimer protein (N120D) (Active) Uniprot No. Q13261/P40933 Storage Buffer Lyophilized from a 0.2 μm filtered 20mM PB, 8% Trehalose, 4% Mannitol, 0.02% Tween80 (w/v), pH 7.5. Product Type Interleukins Immunogen Species Homo sapiens (Human) Biological Activity The ED50 as determined in a cell proliferation assay using CTLL?2 mouse cytotoxic T cells is 5-20 ng/ml. Purity Greater than 95% as determined by SDS-PAGE. Sequence ITCPPPMSVEHADIWVKSYSLYSRERYICNSGFKRKAGTSSLTECVLNKATNVA HWTTPSLKCIRD & NWNNISDLKKIEDLIQSMHIDATLYTESDVHPSCKVTAMKCFLLELQVISLESG DASIHDTVENLIILANDSLSSNGNVTESGCKECEELEEKNIKEFLQSFVHIVQMF NTS Research Area Cancer Source Mammalian cell Target Names IL15RA&IL15 Expression Region 31-96aa & 49-162aa(N120D) Tag Info C-terminal hFc-tagged Mol. Weight 46.9 kDa Protein Length Heterodimer | | |
|--|---------------------|--|
| Uniprot No. Q13261/P40933 Storage Buffer Lyophilized from a 0.2 μm filtered 20mM PB, 8% Trehalose, 4% Mannitol, 0.02% Tween80 (w/v), pH 7.5. Product Type Interleukins Immunogen Species Homo sapiens (Human) Biological Activity The ED50 as determined in a cell proliferation assay using CTLL?2 mouse cytotoxic T cells is 5-20 ng/ml. Purity Greater than 95% as determined by SDS-PAGE. Sequence ITCPPPMSVEHADIWVKSYSLYSRERYICNSGFKRKAGTSSLTECVLNKATNVA HWTTPSLKCIRD & NWVNVISDLKKIEDLIQSMHIDATLYTESDVHPSCKVTAMKCFLLELQVISLESG DASIHDTVENLIILANDSLSSNGNVTESGCKECEELEEKNIKEFLQSFVHIVQMF NTS Research Area Cancer Source Mammalian cell Target Names IL15RA&IL15 Expression Region 31-96aa & 49-162aa(N120D) Tag Info C-terminal hFc-tagged Mol. Weight 46.9 kDa Protein Length Heterodimer | Product Code | CSB-AP004671HU |
| Storage Buffer Lyophilized from a 0.2 µm filtered 20mM PB, 8% Trehalose, 4% Mannitol, 0.02% Tween80 (w/v), pH 7.5. Product Type Interleukins Homo sapiens (Human) Biological Activity The ED50 as determined in a cell proliferation assay using CTLL?2 mouse cytotoxic T cells is 5-20 ng/ml. Purity Greater than 95% as determined by SDS-PAGE. Sequence ITCPPPMSVEHADIWVKSYSLYSRERYICNSGFKRKAGTSSLTECVLNKATNVA HWTTPSLKCIRD & NWVNVISDLKKIEDLIQSMHIDATLYTESDVHPSCKVTAMKCFLLELQVISLESG DASIHDTVENLIILANDSLSSNGNVTESGCKECEELEEKNIKEFLQSFVHIVQMF NTS Research Area Cancer Source Mammalian cell Target Names IL15RA&IL15 Expression Region 31-96aa & 49-162aa(N120D) Tag Info C-terminal hFc-tagged Mol. Weight Heterodimer Image | Abbreviation | Recombinant Human IL15&IL15RA Heterodimer protein (N120D) (Active) |
| Tween80 (w/v), pH 7.5. Product Type Interleukins Immunogen Species Homo sapiens (Human) Biological Activity The ED50 as determined in a cell proliferation assay using CTLL?2 mouse cytotoxic T cells is 5-20 ng/ml. Purity Greater than 95% as determined by SDS-PAGE. Sequence ITCPPPMSVEHADIWVKSYSLYSRERYICNSGFKRKAGTSSLTECVLNKATNVA HWTTPSLKCIRD & NWVNVISDLKKIEDLIQSMHIDATLYTESDVHPSCKVTAMKCFLLELQVISLESG DASIHDTVENLIILANDSLSSNGNVTESGCKECEELEEKNIKEFLQSFVHIVQMF NTS Research Area Cancer Source Mammalian cell Target Names IL15RA&IL15 Expression Region 31-96aa & 49-162aa(N120D) Tag Info C-terminal hFc-tagged Mol. Weight 46.9 kDa Protein Length Heterodimer | Uniprot No. | Q13261/P40933 |
| Immunogen Species Homo sapiens (Human) Biological Activity The ED50 as determined in a cell proliferation assay using CTLL?2 mouse cytotoxic T cells is 5-20 ng/ml. Purity Greater than 95% as determined by SDS-PAGE. Sequence ITCPPPMSVEHADIWVKSYSLYSRERYICNSGFKRKAGTSSLTECVLNKATNVA HWTTPSLKCIRD & NWVNVISDLKKIEDLIQSMHIDATLYTESDVHPSCKVTAMKCFLLELQVISLESG DASIHDTVENLIILANDSLSSNGNVTESGCKECEELEEKNIKEFLQSFVHIVQMF NTS Research Area Cancer Source Mammalian cell Target Names IL15RA&IL15 Expression Region 31-96aa & 49-162aa(N120D) Tag Info C-terminal hFc-tagged Mol. Weight 46.9 kDa Protein Length Heterodimer | Storage Buffer | Lyophilized from a 0.2 μm filtered 20mM PB, 8% Trehalose, 4% Mannitol, 0.02% Tween80 (w/v), pH 7.5. |
| Biological Activity The ED50 as determined in a cell proliferation assay using CTLL?2 mouse cytotoxic T cells is 5-20 ng/ml. Purity Greater than 95% as determined by SDS-PAGE. ITCPPPMSVEHADIWVKSYSLYSRERYICNSGFKRKAGTSSLTECVLNKATNVA HWTTPSLKCIRD & NWVNVISDLKKIEDLIQSMHIDATLYTESDVHPSCKVTAMKCFLLELQVISLESG DASIHDTVENLIILANDSLSSNGNVTESGCKECEELEEKNIKEFLQSFVHIVQMF NTS Research Area Cancer Source Mammalian cell Target Names IL15RA&IL15 Expression Region 31-96aa & 49-162aa(N120D) Tag Info C-terminal hFc-tagged Mol. Weight Heterodimer Image | Product Type | Interleukins |
| cytotoxic T cells is 5-20 ng/ml. Purity Greater than 95% as determined by SDS-PAGE. Sequence ITCPPPMSVEHADIWVKSYSLYSRERYICNSGFKRKAGTSSLTECVLNKATNVA HWTTPSLKCIRD & NWVNVISDLKKIEDLIQSMHIDATLYTESDVHPSCKVTAMKCFLLELQVISLESG DASIHDTVENLIILANDSLSSNGNVTESGCKECEELEEKNIKEFLQSFVHIVQMF NTS Research Area Cancer Source Mammalian cell Target Names IL15RA&IL15 Expression Region 31-96aa & 49-162aa(N120D) Tag Info C-terminal hFc-tagged Mol. Weight 46.9 kDa Protein Length Heterodimer Image | Immunogen Species | Homo sapiens (Human) |
| Sequence ITCPPPMSVEHADIWVKSYSLYSRERYICNSGFKRKAGTSSLTECVLNKATNVA HWTTPSLKCIRD & NWVNVISDLKKIEDLIQSMHIDATLYTESDVHPSCKVTAMKCFLLELQVISLESG DASIHDTVENLIILANDSLSSNGNVTESGCKECEELEEKNIKEFLQSFVHIVQMF NTS Research Area Cancer Source Mammalian cell Target Names IL15RA&IL15 Expression Region 31-96aa & 49-162aa(N120D) Tag Info C-terminal hFc-tagged Mol. Weight 46.9 kDa Protein Length Heterodimer Image | Biological Activity | , , , |
| HWTTPSLKCIRD & NWVNVISDLKKIEDLIQSMHIDATLYTESDVHPSCKVTAMKCFLLELQVISLESG DASIHDTVENLIILANDSLSSNGNVTESGCKECEELEEKNIKEFLQSFVHIVQMF NTS Research Area Cancer Source Mammalian cell Target Names IL15RA&IL15 Expression Region 31-96aa & 49-162aa(N120D) Tag Info C-terminal hFc-tagged Mol. Weight 46.9 kDa Protein Length Heterodimer Image | Purity | Greater than 95% as determined by SDS-PAGE. |
| Source Mammalian cell Target Names IL15RA&IL15 Expression Region 31-96aa & 49-162aa(N120D) Tag Info C-terminal hFc-tagged Mol. Weight 46.9 kDa Protein Length Heterodimer Image | Sequence | NWVNVISDLKKIEDLIQSMHIDATLYTESDVHPSCKVTAMKCFLLELQVISLESG DASIHDTVENLIILANDSLSSNGNVTESGCKECEELEEKNIKEFLQSFVHIVQMFI |
| Target Names IL15RA&IL15 Expression Region 31-96aa & 49-162aa(N120D) Tag Info C-terminal hFc-tagged Mol. Weight 46.9 kDa Protein Length Heterodimer Image | Research Area | Cancer |
| Expression Region 31-96aa & 49-162aa(N120D) Tag Info C-terminal hFc-tagged Mol. Weight 46.9 kDa Protein Length Heterodimer | Source | Mammalian cell |
| Tag Info C-terminal hFc-tagged Mol. Weight 46.9 kDa Protein Length Heterodimer | Target Names | IL15RA&IL15 |
| Mol. Weight 46.9 kDa Protein Length Heterodimer | Expression Region | 31-96aa & 49-162aa(N120D) |
| Protein Length Heterodimer Image | Tag Info | C-terminal hFc-tagged |
| Image | Mol. Weight | 46.9 kDa |
| Image (Tric-Chycine gel) Discontinuous SDS BAGE | Protein Length | Heterodimer |
| | Image | (Trie-Glycine gel) Discontinuous SDS-DAGE |



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



CUSABIO TECHNOLOGY LLC





| Endotoxin | Less than 1.0 EU/ μg as determined by LAL method. |
|------------|--|
| Shelf Life | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. |