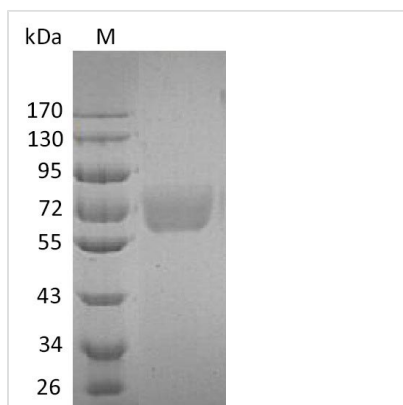




# Recombinant Human Interleukin-4 receptor subunit alpha (IL4R), partial (Active)

<b>Product Code</b>	CSB-AP004281HU
<b>Abbreviation</b>	Recombinant Human IL4R protein, partial (Active)
<b>Uniprot No.</b>	P24394
<b>Form</b>	Lyophilized powder
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered 1xPBS, pH 7.4
<b>Product Type</b>	Interleukin
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Biological Activity</b>	①The ED50 as determined by its ability to inhibit IL-4-dependent proliferation of TF?1 human erythroleukemic cells is 5-20 ng/ml.②Measured by its binding ability in a functional ELISA. Immobilized Human IL-4 RA-Fc at 5µg/ml can bind Human IL-4 (Biotinylated by NHS-biotin prior to testing), the ED50 of Human IL-4 is 2.43 ng/ml.
<b>Purity</b>	Greater than 95% as determined by SDS-PAGE.
<b>Sequence</b>	MKVLQEPTCVSDYMSISTCEWKMNPTNCSTELRLLYQLVFLSEAHTCIPEN NGGAGCVCHLLMDDVVSADNYTLDLWAGQQLWKGSFKPSEHVKPRAPGNL TVHTNVSDTLLLTWSNPYPDPNYLYNHLTYAVNIWSENDPADFRIYNVTYLEPS LRIAASTLKSGISYRARVRAWAQCYNNTTWSEWSPSTKWHNSYREPFEQ
<b>Research Area</b>	Immunology
<b>Source</b>	Mammalian cell
<b>Target Names</b>	IL4R
<b>Expression Region</b>	26-231aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	C-terminal hFc-tagged
<b>Mol. Weight</b>	50.2 kDa
<b>Protein Length</b>	Extracellular Domain
<b>Image</b>	



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

**Endotoxin**

Less than 1.0 EU/μg as determined by LAL method.

**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

**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.