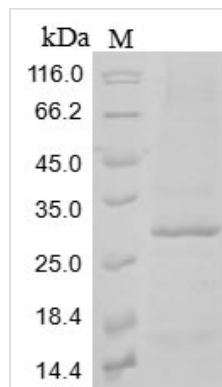




Recombinant Mouse C-type lectin domain family 12 member A (Clec12a), partial

Product Code	CSB-BP709488MO
Relevance	Cell surface receptor that modulates signaling cascades and mediates tyrosine phosphorylation of target MAP kinases.
Abbreviation	Recombinant Mouse Clec12a protein, partial
Storage	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.
Uniprot No.	Q504P2
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	YTTLATEMIKNQLQRAKEELQENVFLQLKHNLNSSKKIKNLSAMLQSTATQLC RELYSKEPEHKCKPCPKGSEWYKDSCYSQLNQYGTWQESVMACSARNASLL KVKNKDVLEFIKYKKLRYFWLALLPRKDRTQYPLSEKMFLSEESERSTDDIDKK YCGYIDRVNVYYTYCTDENNIICEETASKVQLESVLNGLPEDSR
Research Area	Others
Source	Baculovirus
Target Names	Clec12a
Protein Names	C-type lectin-like molecule 1 (CLL-1) (Myeloid inhibitory C-type lectin-like receptor) (MICL)
Expression Region	65-267aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	27.8 kDa
Protein Length	Extracellular Domain
Image	



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

Description

Boost your research capabilities with our Recombinant Mouse Clec12a, also known as the C-type lectin domain family 12 member A, or CD371. Produced using baculovirus, this protein serves as a powerful tool for the exploration of cellular interactions and immunological processes.

Our Clec12a covers the extracellular domain (65-267aa), ensuring focused study on cell-to-cell communication and interactions. The protein is expressed with a dual tag - N-terminal 10xHis-tag and C-terminal Myc-tag, facilitating its efficient purification and robust stability. Boasting a purity greater than 85% as determined by SDS-PAGE, our Recombinant Mouse Clec12a meets stringent scientific standards. Depending on your research needs, choose the liquid form for immediate application, or the lyophilized powder for extended stability and convenience.

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.