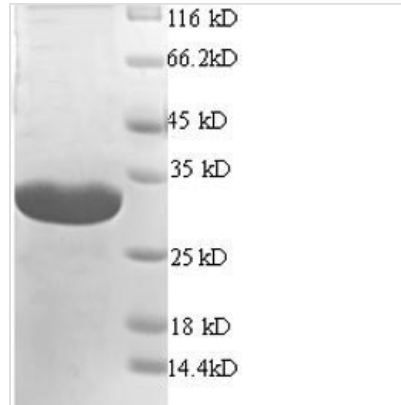


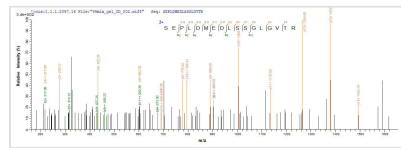


Recombinant Mouse H-2 class II histocompatibility antigen gamma chain (Cd74), partial

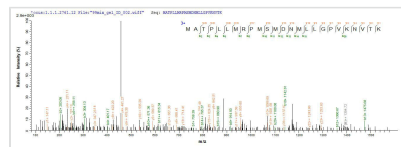
Product Code	CSB-EP004956MO
Relevance	Plays a critical role in MHC class II antigen processing by stabilizing peptide-free class II alpha/beta heterodimers in a complex soon after their synthesis and directing transport of the complex from the endoplasmic reticulum to compartments where peptide loading of class II takes place.
Abbreviation	Recombinant Mouse Cd74 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.	P04441
Alias	Ia antigen-associated invariant chain ;IiMHC class II-associated invariant chain; CD74
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	QQQGRLDKLTITSQNLQLESIRMKLPKSAKPVSQMRMATPLLMRPMSMDNML LGPVKNVTKYGNMTQDHVMHLLTRSGPLEYPQLKGTFFPENLKHLLKNSMDGVN WKIFESWMKQWLLFEMSKNSLEEKKPTAPPKVLTKCQEEVSHIPAVYPGAFR PKCDENGNLPLQCHGSTGYCWCVFPNGTEVPHTKSRGRHNCSEPLDMEDL SSGLGVTRQELGQVTL
Research Area	Others
Source	E.coli
Target Names	Cd74
Expression Region	56-279aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	29.4kDa
Protein Length	Extracellular Domain
Image	



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



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP004956MO could indicate that this peptide derived from E.coli-expressed Mus musculus (Mouse) Cd74.



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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.