

Recombinant Mouse Cd74 Protein, His-tagged

Cat. No. Cd74-1157M **Lot. No.** (See product label)

SPECIFICATION

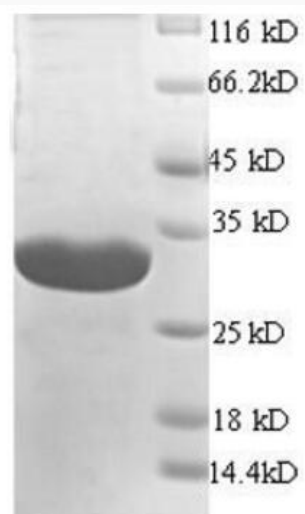
Product Overview	Recombinant Mouse Cd74 Protein (56-279aa) was expressed in E. coli with N-terminal 6xHis-tag.
Species	Mouse
Source	E.coli
ProteinLength	56-279 a.a.
Description	Plays a critical role in MHC class II antigen processing by stabilizing peptide-free class II alpha/beta heterodimers in a complex soon after their synthesis and directing transport of the complex from the endoplasmic reticulum to compartments where peptide loading of class II takes place.
Form	Tris-based buffer, 50% glycerol.
Molecular Mass	29.5 kDa
AA Sequence	QQQGRLDKLTITSQNLQLESLRMKLPKSAKPVSQMRMATPLLMRPMSMDNMLLGP VKNVTKYGNMTQDHV MHLLTRSGPLEYPQLKGTFPENLKHLKNSMDGVNWKIFESWMKQWLLFEMSKNSL EEKKPTEAPPKVLTK CQEEVSHIPAVYPGAFRPKCDENGNYLPLQCHGSTGYCWCVFPNGTEVPHTKSRG RHNCSEPLDMEDLSS GLGVTRQELGQVTL

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Purity	Greater than 90% as determined by SDS-PAGE.
Storage	The shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
GENE INFORMATION	
Gene Name	Cd74 CD74 antigen (invariant polypeptide of major histocompatibility complex, class II antigen-associated) [Mus musculus (house mouse)]
Official Symbol	Cd74
Synonyms	CD74; CD74 antigen (invariant polypeptide of major histocompatibility complex, class II antigen-associated); H-2 class II histocompatibility antigen gamma chain; HLA-DR-GAMMA; dinucleotide microsatellite; Ia-associated invariant chain; Ia antigen-associated invariant chain; MHC class II-associated invariant chain; class II-associated invariant chain peptide; histocompatibility: class II antigens, gamma chain of; invariant polypeptide of major histocompatibility complex, class II antigen-associated; Ii; CLIP; DHLAG; HLADG; Ia-GAMM
Gene ID	16149
mRNA Refseq	NM_001042605
Protein Refseq	NP_001036070
UniProt ID	P04441



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