

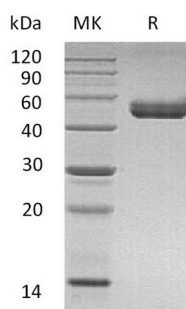
Product Name: Recombinant Mouse CD74 (C-mFc-6His)
Catalog #: PHM0370



Summary

Name	CD74/HLADG/H-2 class II histocompatibility antigen gamma chain
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Mouse HLA Class II Histocompatibility Antigen Gamma Chain is produced by our Mammalian expression system and the target gene encoding Gln56-Leu215 is expressed with a mouse IgG1 Fc, 6His tag at the C-terminus.
Accession #	P04441-2
Host	Human Cells
Species	Mouse
Predicted Molecular Mass	44.5 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, 10% Glycerol, pH 8.5.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image



Background

Alternative Names	HLA class II histocompatibility antigen gamma chain; HLA-DR antigens-associated invariant chain; CD74; Cluster of Differentiation 74
Background	Mouse HLA class II histocompatibility antigen gamma chain (CD74), is a single-pass

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type II membrane protein that in humans is encoded by the CD74 gene. It contains 1 thyroglobulin type-1 domain. CD74 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.

Note

For Research Use Only , Not for Diagnostic Use.