Recombinant Mouse CD74 Protein (mFc & His Tag)

Catalog Number:PKSM041039

Note: Centrifuge before opening to ensure complete recovery of vial contents.

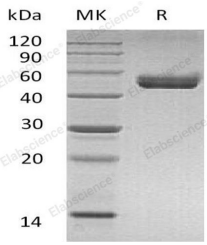
Description

Synonyms	Cluster of Differentiation 74;CD74 antigen;CD74 molecule;major histocompatibility complex;class II invariant chain;DHLAG gamma chain of class II antigens;HLA class II histocompatibility antigen gamma chain;HLADG;HLA-DR antigens-associated invariant chain;HLA-DR-gamma;Ia antigen-associated invariant chain;Ia-associated invariant chain;Ia-GAMMA;MHC HLA-DR gamma chain;CD74;DHLAG;HLADG;Ia-gamma;INVG34;
Species	Mouse
Expression Host	HEK293 Cells
Sequence	Gln56-Leu215
Accession	P04441-2
Calculated Molecular Weight	44.5 kDa
Observed molecular weight	45-55 kDa
Tag	C-mFc-His

Properties

Purity	> 90 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.
Formulation	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, 10% Glycerol, pH 8.5.
Reconstitution	Not Applicable

Data



> 90 % as determined by reducing SDS-PAGE.

Background

Mouse HLA class II histocompatibility antigen gamma chain (CD74), is a single-pass 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.

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