

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

Catalog No: #AP70143

Package Size: #AP70143-1 20ug #AP70143-2 100ug #AP70143-3 1mg

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Description

Product Name	Recombinant Mouse H-2 class II histocompatibility antigen gamma chain(Cd74) ,partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:56-279aaSequence Info:Extracellular Domain
Other Names	Ia antigen-associated invariant chain ;IiMHC class II-associated invariant chain; CD74
Accession No.	P04441
Calculated MW	29.4 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	QQQGRLDKLTITSQNLQLESLRMKLPKSAKPVSQMRMATPLLMRPMMDNMLLGPVKNVTKYGNMTQDHVM HLLTRSGPLEYPQLKGTFFPENLKHLSMDGVNWKIFESWMKQWLLFEMSKNSLEEKKPTTEAPPKVLTKCQE EVSHIPAVYPGAFRPKCDENGNLPLQCHGSTGYCWCVFPNGTEVPHTKSRGRHNCSEPLDMEDLSSGLGV TRQELGQVTL
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

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.

References

The phagosomal proteome in interferon-gamma-activated macrophages.Trost M., English L., Lemieux S., Courcelles M., Desjardins M., Thibault P.Immunity 30:143-154(2009) Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.