

Datasheet for ABIN1473894
CD74 Protein (AA 57-280) (His tag)



[Go to Product page](#)

1 Image

Overview

Quantity:	1 mg
Target:	CD74
Protein Characteristics:	AA 57-280
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD74 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	QQQG RLDKLTVTSQ NLQLENLRMK LPKSAKPVSP MRMATPLLMR PLSMDNMLQA PVKNVTKYGN MTQDHVMHLL TKSGPVNYPQ LKGSFPENLK HLKNSMNGLD WKVFESWMKQ WLLFEMSKNS LEEKQPTQTP PKVLT KCQEE VSHIPDVHPG AFRPKCDENG NYMPLQCHGS TGYCWCVFNP GTEVPHTKSR GRHNCSEPLD MEDPSSGLGV TKQDMGQMFL
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	CD74
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Target Details

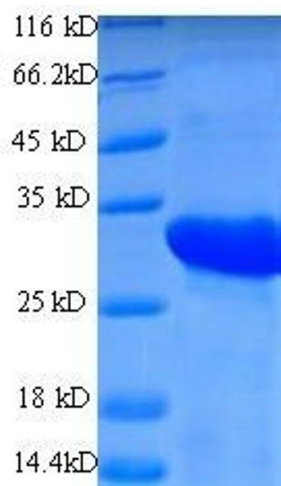
Alternative Name:	H-2 class II histocompatibility antigen gamma chain (Cd74) (CD74 Products)
Background:	Recommended name: H-2 class II histocompatibility antigen gamma chain. Alternative name(s): Ia antigen-associated invariant chain. Short name= Ii MHC class II-associated invariant chain CD_antigen= CD74
UniProt:	P10247
Pathways:	Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response , Negative Regulation of intrinsic apoptotic Signaling , Cancer Immune Checkpoints

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.



SDS-PAGE

Image 1. CD74 Antigen (Invariant Polypeptide of Major Histocompatibility Complex, Class II Antigen-Associated) (CD74) (AA 57-280) protein (His tag) expressed in E. coli