

Product datasheet

Recombinant Human CD74 protein ab156328

1 Image

Overview

Product name	Recombinant Human CD74 protein
Protein length	Protein fragment

Description

Nature	Recombinant
Source	Escherichia coli
Amino Acid Sequence	
Accession	P04233-2
Species	Human
Sequence	<p>MGSSHHHHHH SSGLVPRGSH MGSQQQGRLD KLTVTSQNLQ LENLRMKLPK PPKPVSKMRM ATPLLMQALP MGALPQGPMQ NATKYGNMTE DHVMHLLQNA DPLKVYPPLK GSFPENLRHL KNTMETIDWK VFESWMHHLW LFEMSRHSLE QKPTDAPPKE SLELEDPSSG LGVTKQDLGP VPM</p>
Molecular weight	21 kDa including tags
Amino acids	73 to 232
Tags	His tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab156328** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	<p>SDS-PAGE</p> <p>Mass Spectrometry</p>
Mass spectrometry	MALDI-TOF
Purity	<p>>90% by SDS-PAGE.</p> <p>ab156328 is purified using conventional chromatography techniques.</p>
Form	Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.02% DTT, 0.32% Tris HCl, 30% Glycerol, 0.58% Sodium chloride

General Info

Function

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 the endosomal/lysosomal system where the antigen processing and binding of antigenic peptides to MHC class II takes place. Serves as cell surface receptor for the cytokine MIF.

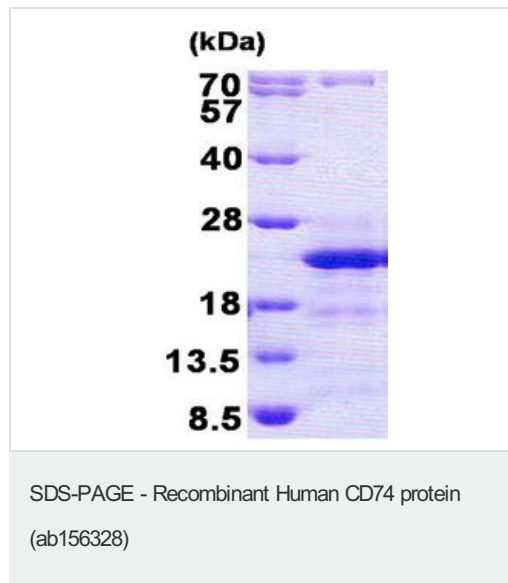
Sequence similarities

Contains 1 thyroglobulin type-1 domain.

Cellular localization

Cell membrane. Endoplasmic reticulum membrane. Golgi apparatus > trans-Golgi network. Endosome. Lysosome. Transits through a number of intracellular compartments in the endocytic pathway. It can either undergo proteolysis or reach the cell membrane.

Images



15% SDS-PAGE analysis of ab156328 (3µg).

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