

Product datasheet

Recombinant Human CD2 protein (Tagged) ab271411

2 Images

Description

Product name	Recombinant Human CD2 protein (Tagged)
Purity	>= 90 % SDS-PAGE.
Expression system	HEK 293 cells
Accession	P06729
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	KEITNALETW GALGQDINLD IPSFQMSDDI DDIKWEKTS KKKIAQFRKE KETFKEKDTY KLFKNGTLKI KHLKTDDQDI YKVSIDTKG KNVLEKIFDL KIQERVSKPK ISWTCINTTL TCEVMNGTDP ELNLYQDGKH LKLSQRVITH KWTTSLSAKF KCTAGNKVSK ESSVEPVSCP EKGLD
Predicted molecular weight	50 kDa including tags
Molecular weight information	Proteins runs at a higher MW than predicted on SDS-PAGE due to glycosylation.
Amino acids	25 to 209
Tags	Avi tag C-Terminus , Fc tag C-Terminus
Additional sequence information	Fc portion of human IgG1. Genbank: NM_001767

Specifications

Our [Abpromise guarantee](#) covers the use of **ab271411** in the following tested applications.

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

Applications	SDS-PAGE
Form	Liquid

Preparation and Storage

Stability and Storage	Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle. pH: 7.40
------------------------------	--

Constituents: 0.13% Sodium phosphate, 0.64% Sodium chloride, 0.02% Potassium chloride, 20% Glycerol (glycerin, glycerine)

General Info

Function

CD2 interacts with lymphocyte function-associated antigen (LFA-3) and CD48/BCM1 to mediate adhesion between T-cells and other cell types. CD2 is implicated in the triggering of T-cells, the cytoplasmic domain is implicated in the signaling function.

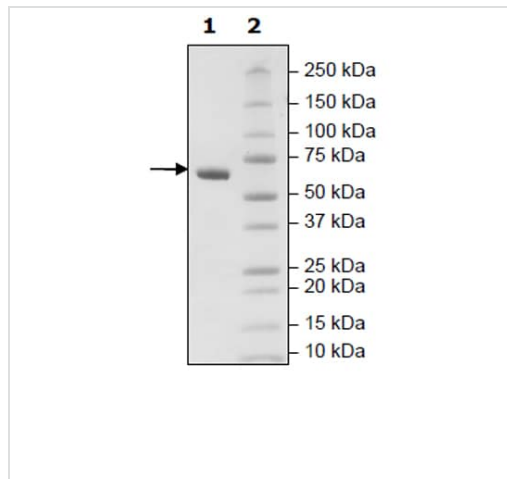
Sequence similarities

Contains 1 Ig-like C2-type (immunoglobulin-like) domain.
Contains 1 Ig-like V-type (immunoglobulin-like) domain.

Cellular localization

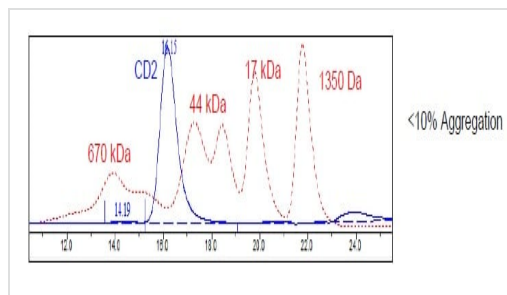
Membrane.

Images



SDS-PAGE analysis of 3 µg of ab271411.

SDS-PAGE - Recombinant Human CD2 protein
(Tagged) (ab271411)



SEC analysis of ab271411.

Size Exclusion Chromatography - Recombinant
Human CD2 protein (Tagged) (ab271411)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors