

Product datasheet

Recombinant Human CD172 gamma protein (Tagged) (Biotin) ab271744

1 Image

Description

Product name	Recombinant Human CD172 gamma protein (Tagged) (Biotin)	
Purity	>= 90 % SDS-PAGE.	
Expression system	HEK 293 cells	
Accession	Q9P1W8	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	<pre> EEELQMIQPEKLLLVTVGKTATLHCTVTSLLPVGPVLWFR GVGPGRELIY NQKEGHFPRVTTVSDLTKRNNMDFSIRISSITPADVGTYIC VKFRKGSPE NVEFKSGPGTEMALGAKPSAPVVLGPAARTTPEHTVSFT CESHGFSPRDI TLKWFKNGNELSDFQTNVDPTGQSVAYSIRSTARVVLDP WDVRSQVICEV AHVTLQGDPLRGTANLSEAIRVPPTLEVTQQPMRVGNQV NVTCQVRKFYP QSLQLTWSSENGNVCQRETASTLTENKDGTYNWTSWFLVN ISDQRDDVVLVLT CQVKHDGQLAVSKRLALEVTVHQKDQSSDATPGPASSLT ALLLIIVLLGPIYVPWKQKT </pre>	
Predicted molecular weight	43 kDa including tags	
Actual molecular weight	68 kDa including tags	
Amino acids	29 to 360	
Tags	Avi tag C-Terminus , Fc tag C-Terminus	
Additional sequence information	Extracellular domain.	
Conjugation	Biotin	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab271744** 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
Additional notes	Enzymatically biotin-labeled using Avi-tag™ technology

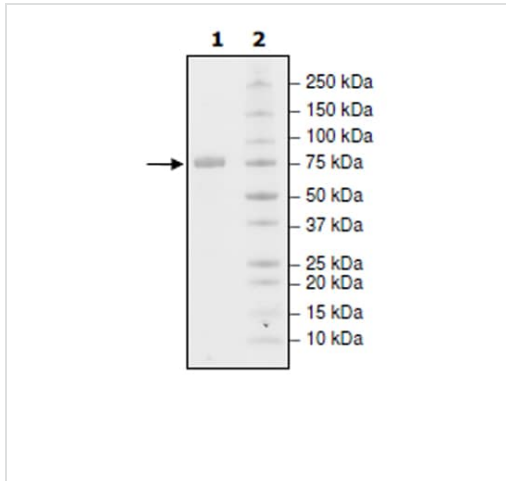
Preparation and Storage

Stability and Storage	Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle. Store In the Dark. pH: 7.40 Constituents: 0.13% Sodium phosphate, 0.64% Sodium chloride, 0.05% Potassium chloride, 20% Glycerol (glycerin, glycerine)
------------------------------	--

General Info

Function	Probable immunoglobulin-like cell surface receptor. On binding with CD47, mediates cell-cell adhesion. Engagement on T-cells by CD47 on antigen-presenting cells results in enhanced antigen-specific T-cell proliferation and costimulates T-cell activation.
Tissue specificity	Detected in liver, and at very low levels in brain, heart, lung, pancreas, kidney, placenta and skeletal muscle. Expressed on CD4+ T-cells, CD8+ T-cells, CD56-bright natural killer (NK) cells, CD20+ cells, and all activated NK cells. Mainly present in the paracortical T-cell area of lymph nodes, with only sparse positive cells in the mantle and in the germinal center of B-cell follicles. In the thymus, primarily expressed in the medulla on mature T lymphocytes that have undergone thymic selection.
Sequence similarities	Contains 2 Ig-like C1-type (immunoglobulin-like) domains. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
Cellular localization	Membrane.

Images



SDS-PAGE analysis of 3 µg ab271744.

SIRP- gamma is heavily glycosylated, resulting in higher molecular weight.

SDS-PAGE - Recombinant Human CD172 gamma protein (Tagged) (Biotin) (ab271744)

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