

Product datasheet

Recombinant Human CD172 gamma protein ab191638

1 Image

Description

Product name	Recombinant Human CD172 gamma protein	
Purity	> 95 % SDS-PAGE.	
Endotoxin level	< 1.000 Eu/µg	
Expression system	HEK 293 cells	
Accession	Q9P1W8	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	<pre> EEELQMIQPEKLLLVTVGKTATLHCTVTSLLPVGPNLW FRGVGPGRELIY NQKEGHFPRVTTVSDLTKRNNMDFSIRISSITPADVGTY YCVKFRKGSPE NVEFKSGPGTEMALGAKPSAPVVLGPAARTTPEHTVS FTCESHGFSPRDI TLKWFKNGNELSDFQTNVDPTGQSVAYSIRSTARVVL DPWDVRSQVICEV AHVTLQGDPLRGTANLSEAIRVPPTLEVTQQPMRVGN QVNVTCQVRKFYP QSLQLTWSSENGNVCQRETASTLTENKDGTYNWTSWF LVNISDQRDDVVLT CQVKHDGQLAVSKRLALEVTVHQQDQSSDATPGPAS </pre>	
Predicted molecular weight	64 kDa including tags	
Amino acids	29 to 364	
Additional sequence information	Fused with Fc fragment of Human IgG1 at the C-terminus (AAH64532.1).	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab191638** 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 Lyophilised

Preparation and Storage

Stability and Storage Shipped at 4°C. Store at 4°C prior to reconstitution. Store at -80°C. Avoid freeze / thaw cycle. For long term storage it is recommended to add a carrier protein on reconstitution (0.1% HSA or BSA).

pH: 7.5

Constituents: 5% Trehalose, 0.61% Tris, 0.75% Glycine

Reconstitution It is recommended to reconstitute the lyophilized protein in sterile deionized water to a final concentration of 1mg/ml. Solubilize for 30 to 60 minutes at room temperature with occasional gentle mixing. Carrier protein (0.1% HSA or BSA) is strongly recommended for further dilution and long term storage.

General Info

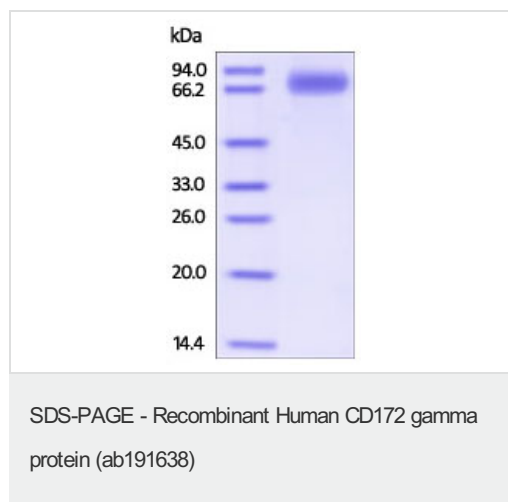
Function Probable immunoglobulin-like cell surface receptor. On binding with CD47, mediates cell-cell adhesion. Engagement on T-cells by CD47 on antigen-presenting cells results in enhanced antigen-specific T-cell proliferation and costimulates T-cell activation.

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 reduced ab191638 stained overnight with Coomassie Blue. DTT-reduced protein migrates as 68-75 kDa due to glycosylation.

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

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