

Product datasheet

Recombinant Human CD43 protein ab171717

1 Image

Overview

<b>Product name</b>	Recombinant Human CD43 protein
<b>Protein length</b>	Protein fragment

Description

<b>Nature</b>	Recombinant
<b>Source</b>	Escherichia coli
<b>Amino Acid Sequence</b>	
<b>Accession</b>	<a href="#">P16150</a>
<b>Species</b>	Human

<b>Sequence</b>	<p>MGSSHHHHHH SSGLVPRGSH MGSSTTAVQT          PTSGEPLVST SEPLSSKMYT TSITSDPKAD          STGDQTSALP PSTSINEGSP LWTSIGASTG          SPLPEPTYQ EVSIKMSSVP QETPHATSHP          AVPITANSLG SHTVTGGTIT TNSPETSRT          SGAPVTTAAS SLETSRGTSG PPLTMATVSL          ETSKGTS GPP VTMATDSLET STGTTGPPVT          MTTGSLEPSS GASGPQVSSV KLSTMMSPTT          STNASTVPFR NPDENSR</p>
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<b>Molecular weight</b>	26 kDa including tags
<b>Amino acids</b>	20 to 253
<b>Tags</b>	His tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab171717** in the following tested applications.

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

<b>Applications</b>	SDS-PAGE
	Mass Spectrometry

<b>Mass spectrometry</b>	MALDI-TOF
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<b>Purity</b>	> 85 % SDS-PAGE. ab171717 was purified by anion-exchange and gel-filtration chromatography techniques.
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**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: 0.32% Tris HCl, 10% Glycerol, 0.88% Sodium chloride

## General Info

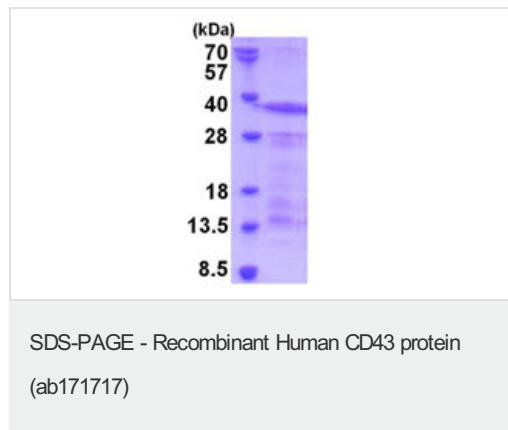
**Function** One of the major glycoproteins of thymocytes and T lymphocytes. Plays a role in the physicochemical properties of the T-cell surface and in lectin binding. Presents carbohydrate ligands to selectins. Has an extended rodlike structure that could protrude above the glycocalyx of the cell and allow multiple glycan chains to be accessible for binding. Is a counter receptor for SN/Siglec-1 (By similarity). During T-cell activation is actively removed from the T-cell-APC (antigen-presenting cell) contact site thus suggesting a negative regulatory role in adaptive immune response.

**Tissue specificity** Cell surface of thymocytes, T-lymphocytes, neutrophils, plasma cells and myelomas.

**Post-translational modifications** Glycosylated; has a high content of sialic acid and O-linked carbohydrate structures.

**Cellular localization** Membrane.

## Images



15% SDS-PAGE analysis of ab171717 (3µg).

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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