

Product datasheet

Recombinant Human CD300LG protein ab152039

Description

Product name	Recombinant Human CD300LG protein	
Purity	> 95 % SDS-PAGE. ab152039 was determined to be >95% pure by SEC-HPLC and reducing SDS-PAGE.	
Endotoxin level	< 0.100 Eu/μg	
Expression system	HEK 293 cells	
Accession	Q6UXG3	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	LEGPEEISGFEGD TVSLQCTYREELRDHRKYWCRKGGILF SRCSGTIYAE EEGQETMKGRVSIRD SRQELSLM TLWNLT LQDAGEYWC GVEKRG PDESL LISLFVFP GPCCPPSP SPTFQPLATTRLQPKAKAQQTQPP GLTSPGLYPA ATTAKQGKTGAEAPPLPGTSQYGHERTSQYTGTS PHPAT SPPAGSSRPPM QLNSTSAEDTSPALSSGSSKPRVSIPMVRVDH HHHHHH	
Predicted molecular weight	26 kDa	
Amino acids	19 to 247	
Tags	His tag C-Terminus	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab152039** 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 HPLC
Form	Lyophilized
Additional notes	Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Preparation and Storage

Stability and Storage	Shipped at Room Temperature. The lyophilized protein is stable for a few weeks at room temperature. Store at -20°C. Please see notes section. pH: 7.20 Constituents: 99% Phosphate Buffer, 0.88% Sodium chloride
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

General Info

Function	Receptor which may mediate L-selectin-dependent lymphocyte rollings. Binds SELL in a calcium dependent manner. Binds lymphocyte.
Tissue specificity	Highly expressed in heart, skeletal muscle and placenta.
Sequence similarities	Belongs to the CD300 family. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
Domain	Ig-like V-type domain mediates binding to lymphocyte.
Post-translational modifications	O-glycosylated with sialylated oligosaccharides.
Cellular localization	Apical cell membrane. Basolateral cell membrane. Endosome > multivesicular body membrane.

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