

Product datasheet

Recombinant Human CD177 protein ab152089

Overview

Product name	Recombinant Human CD177 protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	HEK 293 cells
Amino Acid Sequence	
Accession	Q8N6Q3
Species	Human
Sequence	<pre> LLCQFGTVQHVWVKVSDLPRQWTPKNTSCDSGLGCQ DTLMLIESGPQVSLV LSKGCTEAKDQEPRVTEHRMGPGLSLISYTFVCRQED FCNNLVNSLPLWA PQPPADPGSLRCPVCLSMEGCLEGTTEEICPKGTTTC YDGLLRRLRGGGIF SNLRVQGCMPQPGCNLLNGTQEIGPVGMTENCNRKD FLTCHRGTTIMTHG NLAQEPTDWTTSNTEMCEVGQVCQETLLLLLDVGLTST LVGTKGCSTVGAQ NSQKTTIHSAPPGVLVASYTHFCSSDLCNSASSSSVLL NSLPPQAAPVPG DRQCPTCVQPLGTCSSGSPRMTCPRGTTTCYDGYIHL SGGGLSTKMSIQG CVAQPSSFLNHTRQIGIFSAREKRQVQPPASQHEGV DHHHHHH </pre>
Molecular weight	47 kDa including tags
Amino acids	22 to 407
Tags	His tag C-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab152089** 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
Endotoxin level	< 1.000 Eu/μg
Purity	> 95 % SDS-PAGE. Purity is greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Form	Lyophilised

Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. 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. 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.

General Info

Tissue specificity	Highly expressed in normal bone marrow and weakly expressed in fetal liver. Expressed on neutrophils. Expressed in granulocytes of patients with polycythemia vera (PV) and with essential thrombocythemia (ET).
Sequence similarities	Contains 2 UPAR/Ly6 domains.
Post-translational modifications	N-glycosylated. A soluble form may also be produced by proteolytic cleavage at the cell surface (shedding).
Cellular localization	Cell membrane.

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