abcam

Product datasheet

Recombinant Human DLL4 protein (Fc Chimera) ab219676

1 Image

Description

Product name	Recombinant Human DLL4 protein (Fc Chimera)
Purity	> 95 % SDS-PAGE.
Endotoxin level	< 1.000 Eu/µg
Expression system	HEK 293 cells
Accession	Q9NR61
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	SGVFQLQLQEFINERGVLASGRPCEPGCRTFFRVCLKHF QAVVSPGPCTF GTVSTPVLGTNSFAVRDDSSGGGRNPLQLPFNFTWPGTF SLIIEAWHAPG DDLRPEALPPDALISKIAIQGSLAVGQNWLLDEQTSTLTRL RYSYRVICS DNYYGDNCSRLCKKRNDHFGHYVCQPDGNLSCLPGWTG EYCQQPICLSGC HEQNGYCSKPAECLCRPGWQGRLCNECIPHNGCRHGTC STPWQCTCDEGW GGLFCDQDLNYCTHHSPCKNGATCSNSGQRSYTCTCRP GYTGVDCELELS ECDSNPCRNGGSCKDQEDGYHCLCPPGYYGLHCEHSTL SCADSPCFNGGS CRERNQGANYACECPPNFTGSNCEKKVDRCTSNPCANG GQCLNRGPSRMC RCRPGFTGTYCELHVSDCARNPCAHGGTCHDLENGLMC TCPAGFSGRRCE VRTSIDACASSPCFNRATCYTDLSTDTFVCNCPYGFVGSR CEFPVGLP
Predicted molecular weight	81 kDa including tags
Amino acids	27 to 524

Additional sequence information	Fused with Fc fragment of human IgG1 at the C-terminus (NP_061947.1).

Specifications

Our **Abpromise guarantee** covers the use of **ab219676** 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	Lyophilized

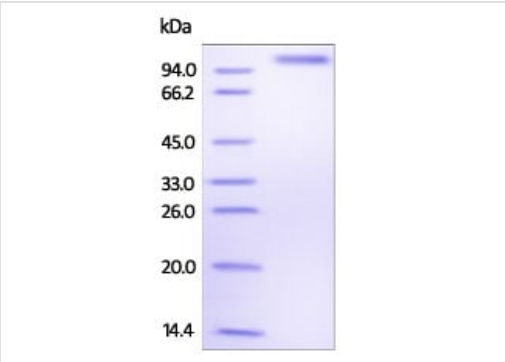
Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 7.4 Constituents: 0.61% Tris, 0.75% Glycine, 5% Trehalose, L-Arginine, Sodium chloride Lyophilized from 0.22 µm filtered solution. 5-10% trehalose is commonly used for freeze drying, and after reconstitution, the trehalose is mostly about 3-5%
Reconstitution	Reconstitute with sterile deionized water to a concentration of 100 µg/ml.

General Info

Function	Plays a role in the Notch signaling pathway. Activates Notch-1 and Notch-4.
Tissue specificity	Expressed in vascular endothelium.
Sequence similarities	Contains 1 DSL domain. Contains 8 EGF-like domains.
Domain	The Delta-Serrate-Lag2 (DSL) domain is required for binding to the Notch receptor.
Post-translational modifications	Ubiquitinated by MIB (MIB1 or MIB2), leading to its endocytosis and subsequent degradation.
Cellular localization	Membrane.

Images



SDS-PAGE - Recombinant Human DLL4 protein (Fc Chimera) (ab219676)

DTT-reduced SDS-PAGE analysis of ab219676 stained overnight with Coomassie Blue.

DTT-reduced protein migrates as 100-110 kDa in SDS-PAGE due to glycosylation.

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