

Product datasheet

Recombinant Human TIGIT protein (Tagged) ab227414

1 Image

Description

Product name	Recombinant Human TIGIT protein (Tagged)	
Purity	> 90 % SDS-PAGE. Affinity purified	
Endotoxin level	< 1.000 Eu/μg	
Expression system	Baculovirus infected insect cells	
Accession	<u>Q495A1</u>	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	<pre> MMTGTIETGNISAEKGGSIILQCHLSSTTAQVTQVNWEQQ DQLLAICNA DLGWHISPSFKDRVAPGPGLGLTLQSLTVNDTGEYFCIYHT YPDGTYTGR IFLEVLESSVAEHGARFQIPLEPKSCDKTHTCPPCPAPELL GGPSVFLFP PKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVE VHNAKTKPREE QYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEK TISKAKGQPR EPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESN GQPENNYKTT PPVLDSGDGSFFLYSKLTVDKSRWQQGNVFCSSVMHEAL HNHYTQKSLSLSPGKHHHHHH </pre>	
Predicted molecular weight	40 kDa including tags	
Amino acids	22 to 141	
Tags	His tag C-Terminus	
Additional sequence information	Product corresponds to the extracellular domain of TIGIT with a C-terminal human IgG-His tag. NP_776160	

Specifications

Our **Abpromise guarantee** covers the use of **ab227414** 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 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: 7.40

Constituents: PBS, 10% Glycerol (glycerin, glycerine)

General Info

Function Binds with high affinity to the poliovirus receptor (PVR) which causes increased secretion of IL10 and decreased secretion of IL12B and suppresses T cell activation by promoting the generation of mature immunoregulatory dendritic cells.

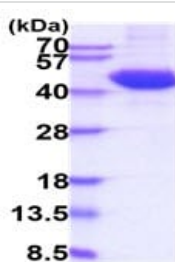
Tissue specificity Expressed at low levels on peripheral memory and regulatory CD4+ T cells and NK cells and is up-regulated following activation of these cells (at protein level).

Sequence similarities Contains 1 Ig-like V-type (immunoglobulin-like) domain.

Domain Contains 1 copy of a cytoplasmic motif that is referred to as the immunoreceptor tyrosine-based inhibitor motif (ITIM). This motif is involved in modulation of cellular responses. The phosphorylated ITIM motif can bind the SH2 domain of several SH2-containing phosphatases.

Cellular localization Cell membrane.

Images



15% SDS-PAGE analysis of 3 µg Recombinant Human TIGIT protein (His tag) (ab227414).

Migrates as 40-57 kDa (SDS-PAGE under reducing conditions).

SDS-PAGE - Recombinant Human TIGIT protein
(Tagged) (ab227414)

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

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