

Product datasheet

Recombinant Human TIGIT protein (Fc Chimera)
 ab206439

1 Image

Description

Product name	Recombinant Human TIGIT protein (Fc Chimera)	
Purity	>= 82 % SDS-PAGE.	
Endotoxin level	< 1.000 Eu/µg	
Expression system	HEK 293 cells	
Accession	Q495A1	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	MMTGTIETTGNISAEEKGGSIIQCHLSSTTAQVTQVNWE QQDQLLAICNA DLGWHISPSFKDRVAPGPGLGLTLQSLTVNDTGEYFCI YHTYPDGTYTGR IFLEVLESSVAEHGARFQIP	
Predicted molecular weight	40 kDa including tags	
Amino acids	22 to 141	
Additional sequence information	The protein fragment is fused to Fc region of Human IgG at the C terminus.	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab206439** 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
Additional notes	Protein may be diluted to ≥100 µg/ml in PBS + glycerol.

Preparation and Storage

Stability and Storage Shipped at 4°C. Store at -80°C. Avoid freeze / thaw cycle.

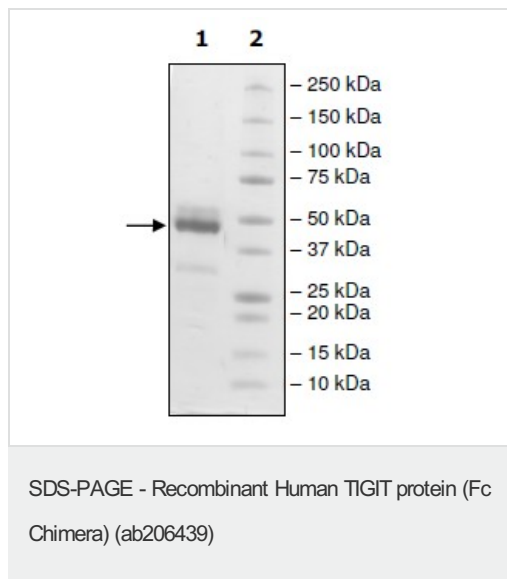
pH: 8.00

Constituents: 0.63% Tris HCl, 0.64% Sodium chloride, 0.02% Potassium chloride, 20% Glycerol

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



4-20% SDS-PAGE stained with Coomassie Blue.

Lane 1: ab206439 (2 µg)

Lane 2: Protein Marker

Note: This protein runs at a higher MW by SDS-PAGE due to glycosylation.

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