

Recombinant Cynomolgus monkey TIGIT Protein, Fc-tagged

Cat. No. TIGIT-726C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus monkey TIGIT protein with Fc tag was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	312
Description	This gene encodes a member of the PVR (poliovirus receptor) family of immunoglobulin proteins. The product of this gene is expressed on several classes of T cells including follicular B helper T cells (TFH). The protein has been shown to bind PVR with high affinity; this binding is thought to assist interactions between TFH and dendritic cells to regulate T cell dependent B cell responses.
Form	Lyophilized
Molecular Mass	40 kDa
AA Sequence	MAFLVAPPMQFVYLLKTLFCVFNMFVAKLGFSETVFSHRLSFTVLSAVGYFRWQKRP HLLPVSPGLGRSMRWCLFLIWAQGLRQAPLASGMMTGTIETTGNISAKKGGSVILQCH LSSTMAQVTQVNWEQHDHSLAIRNAELGWHIYPAFKDRVAPGPGGLGLTLQSLTMN DTGEYFCTYHTYDPDGTGRIFLEVLESSVAEHSARFQIPLLAMAMMLLVICIAVIVV VVLARKKSLRIHSVESGLQRKSTGQEEQIPSAPSPPGSCVQAEAAPAGLCGEQQG DDCAELHDYFNVLSYRSLGSCSFFTETG

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 98%
Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	TIGIT T cell immunoreceptor with Ig and ITIM domains [<i>Macaca mulatta</i> (Rhesus monkey)]
Official Symbol	TIGIT
Synonyms	TIGIT; T cell immunoreceptor with Ig and ITIM domains; T-cell immunoreceptor with Ig and ITIM domains; T-cell immunoreceptor with Ig and ITIM domain protein
Gene ID	710941

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mRNA Refseq XM_015129816

Protein Refseq XP_014985302

UniProt ID A0A5F8AKQ5

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