

Recombinant Cynomolgus monkey TIGIT Protein

Cat. No. TIGIT-725C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus monkey TIGIT protein without 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	15.2 kDa
AA Sequence	MAFLVAPPMQFVYLLKTL CVFNMVFAKLGFSETVFSHRLSFTVLSAVGYFRWQKRP HLLPVSP LGRSMRWCLFLIWAQGLRQAPLASGMMTG TIETTGNISAKKGGSVILQCH LSSTMAQVTQVNWEQHDHSL LAIRNAELGWHIYP AFKDRVAPGPGLGLTLQSLTMN DTGEYFCTYHTYPDGT YRGRIFLEVLESSVAEHSARFQIPLL GAMAMMLVVICIAVIVV VVLARKKKSLRIHSVESGLQRKSTGQEEQIP SAPSPPGSCVQAEAAPAGLCGEQQG DDCAELHDYFNVLSYRSLGSCSFFTETG

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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
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Protein Refseq	XP_014985302
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UniProt ID	A0A5F8AKQ5
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