

Recombinant Rat TIGIT Protein, Fc-tagged

Cat. No. TIGIT-733R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat TIGIT protein with Fc tag was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	242
Description	Predicted to enable identical protein binding activity and signaling receptor binding activity. Predicted to be involved in negative regulation of T cell activation; negative regulation of interleukin-12 production; and positive regulation of interleukin-10 production. Predicted to be integral component of membrane. Predicted to be active in cell surface. Orthologous to human TIGIT (T cell immunoreceptor with Ig and ITIM domains).
Form	Lyophilized
Molecular Mass	40 kDa
AA Sequence	MHGWMLLVWVQGLTETAFLAAGATAGTMETKGNISAEEGGSVVLQCHFSSDTAEV TQVNWEQRDQLLAVYSVDLGWYVPSVFSDRVVPGPSLGLTFQSLTTNDTGEYFCT YHTYPDGIYKGRIFLKVQESSVAHFQIALPGGTMAAVLGLICLMATGVTVLARKKSIR MHSVESGLGRTEAEPQEWNLRIILLSPSGPVQTQAAPADLCGEQTEDDYTDPDQDYF NVLSYRSLESFIALSKTGQ

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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>Rattus norvegicus</i>]
Official Symbol	TIGIT
Synonyms	TIGIT; T cell immunoreceptor with Ig and ITIM domains; RGD1563191;
Gene ID	363784
mRNA Refseq	XM_008768765

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Protein Refseq

XP_008766987

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