Recombinant Mouse Tigit Protein, Fc-tagged

Cat. No. Tigit-731M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tigit protein with Fc tag was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	241
Description	Enables signaling receptor binding activity. Acts upstream of or within negative regulation of T cell activation. 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	MHGWLLLVWVQGLIQAAFLATGATAGTIDTKRNISAEEGGSVILQCHFSSDTAEVTQ VDWKQQDQLLAIYSVDLGWHVASVFSDRVVPGPSLGLTFQSLTMNDTGEYFCTYHT YPGGIYKGRIFLKVQESSVAQFQTAPLGGTMAAVLGLICLMVTGVTVLARKKSIRMHS IESGLGRTEAEPQEWNLRSLSSPGSPVQTQTAPAGPCGEQAEDDYADPQEYFNVL SYRSLESFIAVSKTG
Purity	> 98%
Applications	WB; ELISA; FACS; FC

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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 [Mus musculus (house mouse)]
Official Symbol	Tigit
Synonyms	TIGIT; T cell immunoreceptor with Ig and ITIM domains; T-cell immunoreceptor with Ig and ITIM domains; V-set and transmembrane domain containing 3; V-set and transmembrane domain-containing protein 3; Vstm3; ENSMUSG00000071552;
Gene ID	100043314
mRNA Refseq	NM_001146325
Protein Refseq	NP_001139797

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UniProt ID	https://www.uniprot.org/uniprot/A0A0B4J1G6

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