

## Recombinant Mouse Tigit Protein

Cat. No. Tigit-730M    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Tigit protein without tag was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	241
<b>Description</b>	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).
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	14.8 kDa
<b>AA Sequence</b>	MHGWSLLLVWVQGLIQAFLATGATAGTIDTKRNISAEEGGSVILQCHFSSDTAEVTQ VDWKQQDQLLAIYSVDLGHVAVSDFSDRVVPGPSLGLTFQSLTMNDTGEYFCTYHT YPGGIYKGRIFLKVQESSVAQFQTAPLGGTMAAVLGLICLMVTGVTVLARKKSIRMHS IESGLGRTEAEPQEWNLRLSLSPPGSPVQTQTAPAGPCGEQAEDDYADPQEYFNVL SYRSLESFIAVSKTG
<b>Purity</b>	> 98%
<b>Applications</b>	WB; ELISA; FACS; FC

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

<b>Stability</b>	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.
<b>Storage</b>	At -20 centigrade.
<b>Concentration</b>	1 mg/mL
<b>Storage Buffer</b>	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
<b>Reconstitution</b>	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

<b>Gene Name</b>	Tigit T cell immunoreceptor with Ig and ITIM domains [ <i>Mus musculus</i> (house mouse) ]
<b>Official Symbol</b>	Tigit
<b>Synonyms</b>	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;
<b>Gene ID</b>	100043314
<b>mRNA Refseq</b>	NM_001146325
<b>Protein Refseq</b>	NP_001139797

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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



UniProt ID

<https://www.uniprot.org/uniprot/A0A0B4J1G6>

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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