

## Recombinant Mouse TIGIT Protein

Catalog #	Source	Reactivity	Applications
CRP3059	Human cells	Mouse	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Mouse TIGIT Protein is produced by mammalian expression system and the target gene encoding Gly26 - Thr143 is expressed with a Fc tag at the C-terminus.		
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.		
<b>Gene Symbol</b>	TIGIT		
<b>Alternative Names</b>	VSIG9; VSTM3; T-cell immunoreceptor with Ig and ITIM domains; V-set and immunoglobulin domain-containing protein 9; V-set and transmembrane domain-containing protein 3		
<b>Entrez Gene</b>	100043314 (Mouse)		
<b>SwissProt</b>	P86176 (Mouse)		
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.		
<b>Chemical Structure</b>	GTIDTKRNI AEEGGSVILQ CHFSSDTAEV TQVDWKQQDQ LLAIYSVDLG WHVASVFSDR VVPGPSLGLT FQSLTMNDTG EYFCTYHTYP GGIYKGRIFL KVQESSVAQF QTAPLGGTIE GRMDPEPRGP TIKPCPPCKC PAPANLLGGPS VFIFPPKIKD VLMISLSPIV TCVVVDVSED DPDVQISWFV NNVEVHTAQT QTHREDYNST LRVVSALPIQ HQDWMSGKEF KCKVNNKDLP APIERTISKP KGSVRAPQVY VLPPEEEMT KKQVTLTCMV TDFMPEDIYV EWTNNGKTEL NYKNTEPVLD SDGSYFMYSK LRVEKKNWVE RNSYSCSVVH EGLHNHHTTK SFSRTPGK		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
<b>Directions for Use</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the		
<p><b>Application key:</b> E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference</p> <p><b>Species reactivity key:</b> H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish</p>			

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# Product Data Sheet

lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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