

Active Recombinant Mouse Tigit, Fc Chimera

Cat. No. Tigit-693M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tigit (Accession # NP_001139797) was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
Predicted N Terminal	Gly26
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA. When Recombinant Mouse CD155/PVR is coated at 2.5 µg/mL (100 µL/well), the concentration of Recombinant Mouse TIGIT Fc Chimera that produces 50% optimal binding response is typically 10-50 ng/mL.
Molecular Mass	Recombinant Mouse Tigit, Fc Chimera has a calculated MW of 40.1 kDa (monomer). In SDS-PAGE migrates as 50-60 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION

Gene Name	Tigit T cell immunoreceptor with Ig and ITIM domains [Mus musculus]
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
MIM	

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