

Active Recombinant Mouse Timd2 Protein, His-tagged

Cat. No. Timd2-813M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Timd2 (Accession # NP_599010) Met1-Asn229, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Met1-Asn229
Predicted N Terminal	His22
Form	Lyophilized from a 0.2 µm filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Recombinant Mouse TIM-2 (0.5 µg/mL, 100 µL/well) can bind H-ferritin with an apparent KD < 3 nM. Optimal dilutions should be determined by each laboratory for each application.
Molecular Mass	Recombinant Mouse Timd2, His-tagged has a calculated MW of 23.5 kDa. In SDS-PAGE migrates as 40-60 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	Timd2 T cell immunoglobulin and mucin domain containing 2 [Mus musculus]
Official Symbol	Timd2
Synonyms	TIMD2; T cell immunoglobulin and mucin domain containing 2; T-cell immunoglobulin and mucin domain-containing protein 2; TIMD-2; T-cell membrane protein 2; T-cell immunoglobulin and mucin domain containing 2; G9D3; Tim2; TIM-2; C78111; AA816106; AU019358; AU019662;
Gene ID	171284
mRNA Refseq	NM_001161355
Protein Refseq	NP_001154827
MIM	

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