

Recombinant Mouse Tgm4 Protein, Myc/DDK-tagged

Cat. No. Tgm4-6399M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length transglutaminase 4 (prostate) (Tgm4), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Associated with the mammalian reproductive process. Plays an important role in the formation of the seminal coagulum through the cross-linking of specific proteins present in the seminal plasma. Transglutaminase is also required to stabilize the copulatory plug.
Molecular Mass	75.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Tgm4 transglutaminase 4 (prostate) [Mus musculus (house mouse)]
Official Symbol	Tgm4
Synonyms	TGM4; transglutaminase 4 (prostate); protein-glutamine gamma-glutamyltransferase 4; TGase-4; transglutaminase-4; experimental autoimmune prostatitis antigen 1; TGP; Eapa1; 9530008N10Rik
Gene ID	331046
mRNA Refseq	NM_177911
Protein Refseq	NP_808579
UniProt ID	Q8BZH1

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