

Recombinant Mouse Tgm5 Protein, Myc/DDK-tagged

Cat. No. Tgm5-6400M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length transglutaminase 5 (Tgm5), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the cross-linking of proteins and the conjugation of polyamines to proteins. Contributes to the formation of the cornified cell envelope of keratinocytes.
Molecular Mass	81 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.

GENE INFORMATION

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Gene Name	Tgm5 transglutaminase 5 [Mus musculus (house mouse)]
Official Symbol	Tgm5
Synonyms	TGM5; transglutaminase 5; protein-glutamine gamma-glutamyltransferase 5; TGase 5; TGase-5; transglutaminase-5; TGx; TGMX; 2310007C07Rik; MGC143848; MGC143849
Gene ID	74176
mRNA Refseq	NM_028799
Protein Refseq	NP_083075
UniProt ID	Q9D7I9

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