Recombinant Mouse TGM2 protein, His-tagged

Cat. No. TGM2-8536M **Lot. No.** (See product label)

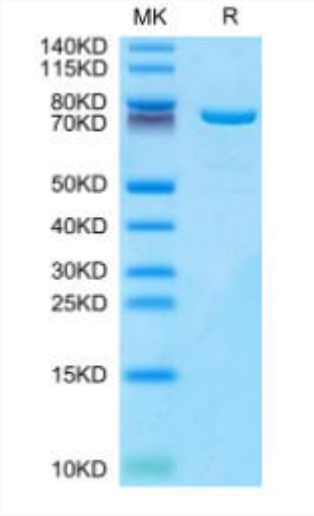
SPECIFICATION

Product Overview	Recombinant Mouse TGM2 protein(Ala2-Ala686), fused with N-terminal His tag, was expressed in E.coli.
Species	Mouse
Source	E.coli
ProteinLength	2-686 aa
Form	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.
Molecular Mass	78.2 kDa
Endotoxin	< 1 EU/μg of the protein by LAL method.
Purity	> 95% as determined by HPLC
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Reconstitution	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to

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	minimize free-thaw cycles.

GENE INFORMATION

Gene Name	Tgm2 transglutaminase 2, C polypeptide [Mus musculus]
Official Symbol	TGM2
Synonyms	TGM2; transglutaminase 2, C polypeptide; protein-glutamine gamma-glutamyltransferase 2; TGC; TG C; TG(C); TGase C; TGase-2; C polypeptide; transglutaminase C; transglutaminase-2; tissue transglutaminase; protein-glutamine-gamma-glutamyltransferase; TG2; tTG; G[a]h; tTGas; TGase2;
Gene ID	21817
mRNA Refseq	NM_009373
Protein Refseq	NP_033399
SDS-PAGE	

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