

**Product Name: Recombinant Mouse TGM2 (C-6His)**  
**Catalog #: PHM1626**

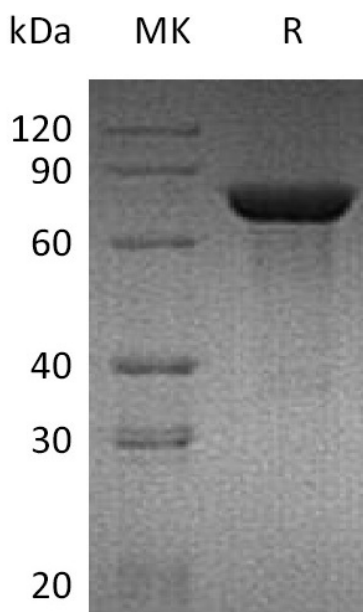


## Summary

<b>Name</b>	TGM2/Transglutaminase-2/TGase C
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	Recombinant Mouse Transglutaminase 2 is produced by our Mammalian expression system and the target gene encoding Ala2-Ala686 is expressed with a 6His tag at the C-terminus.
<b>Accession #</b>	P21981
<b>Host</b>	Human Cells
<b>Species</b>	Mouse
<b>Predicted Molecular Mass</b>	78 KDa
<b>Formulation</b>	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, 20% Glycerol, pH 7.5.
<b>Shipping</b>	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
<b>Reconstitution</b>	

## SDS-PAGE image

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### Alternative Names

Protein-glutamine gamma-glutamyltransferase 2; Tgm2; Tissue transglutaminase; Transglutaminase C; TGase-2

### Background

Protein-glutamine gamma-glutamyltransferase 2 (TGM2) is a 78-kDa, calcium dependent enzyme. It belongs to the transglutaminase superfamily and transglutaminase family. The protein encoded by this TGM2 gene acts as a monomer, is induced by retinoic acid, and appears to be involved in apoptosis. TGM2 is the autoantigen implicated in celiac disease. Two transcript variants encoding different isoforms have been found for this gene.

### Note

For Research Use Only , Not for Diagnostic Use.