

Datasheet for ABIN7320672

Transglutaminase 2 Protein (His tag)**1** Image[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	Transglutaminase 2 (TGM2)
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Transglutaminase 2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse TGM2/Transglutaminase 2 Protein (His Tag)
Sequence:	Ala2-Ala686
Characteristics:	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.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	Transglutaminase 2 (TGM2)
Alternative Name:	TGM2/Transglutaminase 2 (TGM2 Products)
Background:	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,

Target Details

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.

Synonym: Protein-glutamine gamma-glutamyltransferase 2, Tgm2, Tissue transglutaminase, Transglutaminase C, TGase-2

Molecular Weight: 78.0 kDa

UniProt: [P21981](#)

Pathways: [Tube Formation](#), [Thromboxane A2 Receptor Signaling](#)

Application Details

Restrictions: For Research Use only

Handling

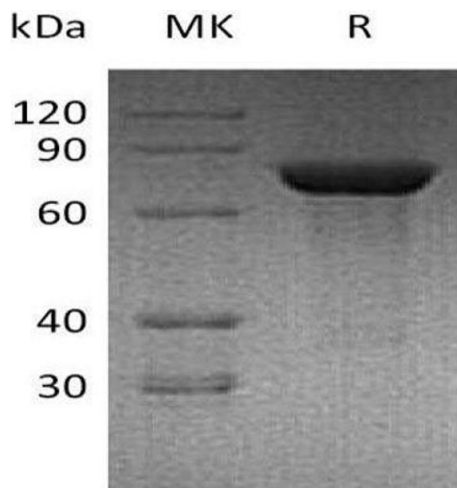
Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl, 150 mM NaCl, 20 % Glycerol, pH 7.5.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

Images



Western Blotting

Image 1.