

Datasheet for ABIN7540257  
**TGM1 Protein (AA 1-817) (GST tag)**



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1 Image

1 Publication

## Overview

Quantity:	2 µg
Target:	TGM1
Protein Characteristics:	AA 1-817
Origin:	Human
Source:	Wheat germ
Protein Type:	Recombinant
Purification tag / Conjugate:	This TGM1 protein is labelled with GST tag.
Application:	Western Blotting (WB), ELISA, Affinity Purification (AP), Antibody Array (AA)

## Product Details

Purpose:	TGM1 (Human) Recombinant Protein (P01)
Sequence:	MMDGPRSDVG RWGGNPLQPP TTPSPEPEPE PDGRSRRGGG RSFWARCCGC CSCRNAADDD WGPEPSDSRG RGSSSGTRRP GSRGSDSRRP VSRGSGVNAA GDGTIREGML VVNGVDLLSS RSDQNRREHH TDEYEYDELI VRRGQPFHML LLLSRTYESS DRITLELLIG NNPEVGKGT VIIPVGKGGG GGWKAQVVKV SGQNLNLRVH TSPNAIIGKF QFTVRTQSDA GEFQLPFDPR NEIYILFNPW CPEDIVYVDH EDWRQEYVLN ESGRIYYGTE AQIGERTWNY GQFDHGVLD CLYILDRRGM PYGGRGDPVN VSRVISAMVN SLDDNGVLIG NWSGDYSRGT NPSAWVGSVE ILLSYLRTGY SVPYGCWVF AGVTTTTLRC LGLATRTVTN FNSAHD TDTS LTMDIYFDEN MKPLEHLNHD SVWNFHWND CWMKRPDLPS GFDGWQVDA TPQETSSGIF CCGPCSVESI KNGLYVMKYD TPFIFAEVNS DKVYWQRQDD GSFKIVYVEE KAIGTLIVTK AISSNMREDI TYLYKHPEGS DAERKAVETA AAHGSKPNVY ANRGS AEDVA MQVEAQDAVM GQDLMVSVML INHSSSRRTV KLHLYLSVTF YTGVS GTIFK ETKKEVELAP GASDRVTMPV AYKEYRPHLV

## Product Details

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DQGAMLLNVS GHVKESGQVL AKQHTFRLRT PDLSTLLGA AVVGQECEVQ IVFKNPLPVT  
LTVVFRLEG SGLQRPKILN VGDIGGNETV TLRQSFVPVR PGPRQLIASL DSPQLSQVHG  
VIQVDVAPAP GDGGFFSDAG GDSHLGETIP MASRGGGA

Characteristics: Human TGM1 full-length ORF ( AAH34699, 1 a.a. - 817 a.a.) recombinant protein with GST-tag at N-terminal.

Purification: in vitro wheat germ expression system

## Target Details

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Target: TGM1

Alternative Name: TGM1 ([TGM1 Products](#))

Background: Full Gene Name: transglutaminase 1 (K polypeptide epidermal type I, protein-glutamine-gamma-glutamyltransferase)  
Synonyms: ICR2,KTG,LI,LI1,TGASE,TGK

Gene ID: 7051

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Preparation method: in vitro, wheat germ expression system  
Product Quality tested by: 12.5% SDS-PAGE Stained with Coomassie Blue.

Restrictions: For Research Use only

## Handling

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Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH =8.0 in the elution buffer.

Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -80 °C

Storage Comment: Best use within three months from the date of receipt of this protein.

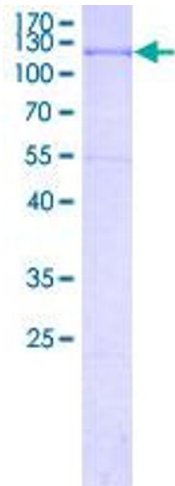
## Publications

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Product cited in: Yang, Chevolut, Géhin, Solassol, Mange, Souteyrand, Laurenceau: "Improvement of protein immobilization for the elaboration of tumor-associated antigen microarrays: application to the sensitive and specific detection of tumor markers from breast cancer sera." in: **Biosensors &**

Images

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**Image 1.**