

Transglutaminase 3, Epidermal (TGM3) Recombinant Protein | TGM3 recombinant protein

Recombinant Transglutaminase 3, Epidermal (TGM3)

CATALOG # AAA134102	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
-------------------------------	-----------------------	---

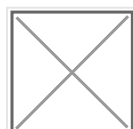
PRODUCT SYNONYMS

Transglutaminase 3; Epidermal (TGM3); Recombinant Transglutaminase 3; TGM3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90%
Form/Format	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Sequence	Thesequenc eofthetarg etproteini slistedbel ow. ATS SRNPEGEDKE PSISGKFKVT GILAVGKEVS LSLMLKNMTN DRKVTMTNMT AWTIVYNGTL VHEVWKDSAT ISLDPEEEIQ YPVKIAYSQY ERYLKADNMI RITAVCKVPD EAEVVVERDV ILDNPAITLE VLEQAHVSRKP VNVQMLFSNP LDQPVNNCVL LVEGSGLLRG SLKIDVPSLR PKEKSRIRFE IFPTRSGTKQ LLADFSCNKF PAIKAMLPID VSE
Sequence Length	693
Applicable Applications for TGM3 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Mus musculus (Mouse)
Tags	Two N-terminal Tags, His-tag and S-tag
Residues	Ala468~Glu693 (Accession # Q08189) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile ddH2O.
Predicted isoelectric point	5.9
Predicted Molecular Mass	32.0kDa
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	124001551
NCBI GeneID	21818
NCBI Accession #	NP_033400.2
NCBI GenBank Nucleotide #	NM_009374.3
UniProt Accession #	Q08189; A1L343; A2ANC3
Molecular Weight	26.8kDa
NCBI Official Full Name	protein-glutamine gamma-glutamyltransferase E
NCBI Official Synonym Full Names	transglutaminase 3, E polypeptide
NCBI Official Symbol	Tgm3
NCBI Official Synonym Symbols	TGE; TG E; TG(E); TGase E; TGase-3; AI893889
NCBI Protein Information	protein-glutamine gamma-glutamyltransferase E; E polypeptide; transglutaminase E; transglutaminase-3; protein-glutamine-gamma-glutamyltransferase
UniProt Protein Name	Protein-glutamine gamma-glutamyltransferase E
UniProt Gene Name	Tgm3
UniProt Synonym Gene Names	Tgase3; TG(E); TGE; TGase E; TGase-3
UniProt Entry Name	TGM3_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/tgm3-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134102>