

Recombinant Dog TGM1 protein, His & GST-tagged

Cat. No. TGM1-1780D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dog TGM1 aa. (Gly562~Asn800 (Accession # Q9GLK0)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Dog
Source	E.coli
ProteinLength	Gly562~Asn800
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 57.5kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.5.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage Buffer

Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

TGM1 transglutaminase 1 [*Canis lupus familiaris* (dog)]

Official Symbol

TGM1

Synonyms

TAP2; transporter 2, ATP binding cassette subfamily B member; APT2; PSF2; ABC18; ABCB3; PSF-2; RING11; D6S217E; antigen peptide transporter 2; ABC transporter, MHC 2; ATP-binding cassette, sub-family B (MDR/TAP), member 3; peptide supply factor 2; peptide transporter PSF2; peptide transporter involved in antigen processing 2; really interesting new gene 11 protein; transporter 2, ABC (ATP binding cassette); transporter 2, ATP-binding cassette, sub-family B (MDR/TAP)

Gene ID

403630

mRNA Refseq

NM_001003079.1

Protein Refseq

NP_001003079.1

UniProt ID

Q9GLK0

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA