

## Recombinant Rat Tgm2 Protein, His-tagged

**Cat. No.** Tgm2-2130R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Tgm2 Protein (Ile166-Tyr369) with N-His tag was expressed in E. coli.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ile166-Tyr369
<b>Description</b>	Calcium-dependent acyltransferase that catalyzes the formation of covalent bonds between peptide-bound glutamine and various primary amines, such as gamma-amino group of peptide-bound lysine, or mono- and polyamines, thereby producing cross-linked or aminated proteins, respectively (By similarity).
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 27 kDa Accurate Molecular Mass: 27 kDa
<b>Purity</b>	> 95%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**Storage**

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

**Storage Buffer**

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

**Reconstitution**

Reconstitute in PBS or others.

**GENE INFORMATION****Gene Name**

Tgm2 transglutaminase 2, C polypeptide [ Rattus norvegicus (Norway rat) ]

**Official Symbol**

Tgm2

**Synonyms**

TGM2; transglutaminase 2, C polypeptide; protein-glutamine gamma-glutamyltransferase 2; tissue-type transglutaminase; Tgasell;

**Gene ID**

56083

**mRNA Refseq**

NM\_019386

**Protein Refseq**

NP\_062259

**UniProt ID**

Q6P6R6

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