

Recombinant Rat Tff3 protein, GST-tagged

Cat. No. Tff3-1765R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Tff3 aa. (Gln23~Phe81 (Accession # Q03191)) fused with N-terminal GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Gln23~Phe81
Description	Plays a role in epithelial wound healing; involved in maintenance of the intestinal mucosa.
Form	Freeze-dried powder
Molecular Mass	34 kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.1.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate

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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 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 liquid form in Phosphate buffered saline(PBS), pH 7.4.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Tff3 trefoil factor 3 [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Tff3
Synonyms	Tff3; trefoil factor 3; ITF; intestinal trefoil factor; polypeptide P1.B; trefoil factor 3, intestinal
Gene ID	25563
mRNA Refseq	NM_013042.2
Protein Refseq	NP_037174.2
UniProt ID	Q03191

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