Recombinant Guinea pig Tgfb1 protein, His & S-tagged

Cat. No. Tgfb1-527G **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Guinea pig Tgfb1 aa. (Gly279~Ser390 (Accession # Q9Z1Y6)) fused with N-terminal His & S tag was produced in E. coli cells.
Species	Guinea pig
Source	E.coli
ProteinLength	Gly279~Ser390
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 18.5kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.8.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	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°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

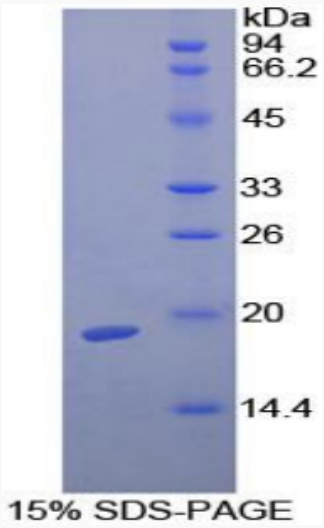
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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Tgfb1 transforming growth factor beta 1 [Cavia porcellus (domestic guinea pig)]
Official Symbol	Tgfb1
Synonyms	Tgfb1; TGF-beta; transforming growth factor beta-1; TGF-beta-1; interleukin TGF beta; transforming growth factor-beta
Gene ID	100135628
mRNA Refseq	NM_001173023.1
Protein Refseq	NP_001166494.1
UniProt ID	Q9Z1Y6

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SDS-PAGE	 15% SDS-PAGE

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