Recombinant Dog TGFB1 protein, His & GST-tagged

Cat. No. TGFB1-525D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dog TGFB1 aa. (Ala279~Ser390 (Accession # P54831)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Dog
Source	E.coli
ProteinLength	Ala279~Ser390
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 45.2kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.2.
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.

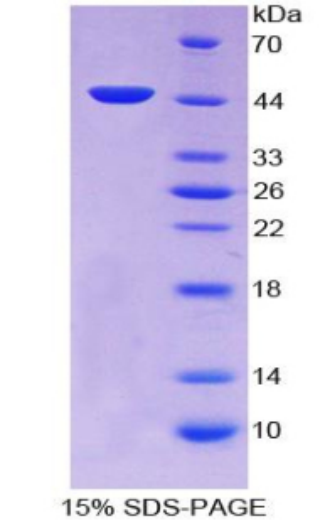
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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile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

GENE INFORMATION

Gene Name	TGFB1 transforming growth factor beta 1 [Canis lupus familiaris (dog)]
Official Symbol	TGFB1
Synonyms	TGFB1; transforming growth factor beta-1; TGF-beta-1; transforming growth factor, beta 1 (Camurati-Engelmann disease)
Gene ID	403998
mRNA Refseq	NM_001003309.1
Protein Refseq	NP_001003309.1
UniProt ID	P54831

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SDS-PAGE	 15% SDS-PAGE

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