Recombinant Pig IGF1 protein, GST-tagged

Cat. No. IGF1-813P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pig IGF1 aa. (Gly49~Ala118) fused with N-terminal GST tag was produced in E. coli cells.
Species	Pig
Source	E.coli
ProteinLength	Gly49~Ala118
Form	Freeze-dried powder
Molecular Mass	34kDa as determined by SDS-PAGE reducing conditions
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 92%
Characteristic	The isoelectric point is 5.8.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
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.

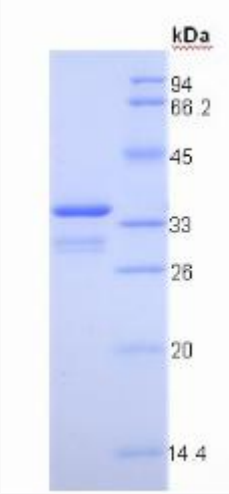
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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200μg/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex

GENE INFORMATION

Gene Name	IGF1 insulin like growth factor 1 [Sus scrofa (pig)]
Official Symbol	IGF1
Synonyms	IGF1; IGF-1; IGF-I; Npt2B; insulin-like growth factor I; somatomedin C
Gene ID	397491
mRNA Refseq	NM_214256.1
Protein Refseq	NP_999421.1
UniProt ID	P16545

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SDS-PAGE	

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