Recombinant Sheep FGF1 protein, His & T7-tagged

Cat. No. FGF1-629S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Sheep FGF1 (Q7M303) aa. (Ala2~Asp155) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Sheep
Source	E.coli
ProteinLength	Ala2~Asp155
Form	Freeze-dried powder
Molecular Mass	24kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 8.5.
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.

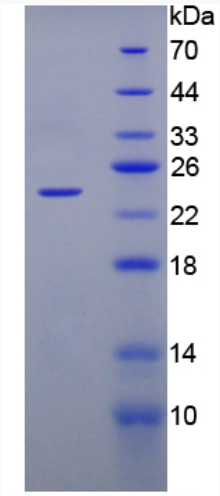
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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	20mM Tris, 500mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in ddH2O.

GENE INFORMATION

Gene Name	FGF1 fibroblast growth factor 1 [Ovis aries (sheep)]
Official Symbol	FGF1
Synonyms	FGF1; fibroblast growth factor 1; aFGF; FGF-1; HBGF-1; Acidic fibroblast growth factor; Heparin-binding growth factor 1; fibroblast growth factor 1 (acidic)
Gene ID	101109353
mRNA Refseq	XM_004008910.3
Protein Refseq	XP_004008959.1
UniProt ID	Q7M303

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SDS-PAGE	 15% SDS-PAGE

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