

Recombinant Pig MSTN protein, His-tagged

Cat. No. MSTN-1754P Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Pig MSTN aa. (Asp267~Ser375) fused with N-terminal His tag was produced in E. coli cells.
Species	Pig
Source	E.coli
ProteinLength	Asp267~Ser375
Form	Freeze-dried powder
Molecular Mass	14kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>98%
Applications	SDS-PAGE; WB; ELISA; IP; ColP; Reporter Assays; 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	PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.
Reconstitution	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Isoelectric Point	6.9

GENE INFORMATION

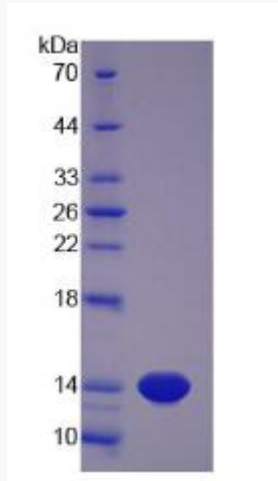
Gene Name	MSTN myostatin [<i>Sus scrofa</i> (pig)]
Official Symbol	MSTN
Synonyms	MSTN; GDF8; GDF8:MSTN; growth/differentiation factor 8; GDF-8; growth differentiation factor 8
Gene ID	399534
mRNA Refseq	NM_214435.2
Protein Refseq	NP_999600.2
UniProt ID	Q6SVB3

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SDS-PAGE



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