

Myostatin (MSTN) Recombinant Protein | MSTN recombinant protein

Recombinant Myostatin (MSTN)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA20283	E.coli	Homo sapiens (Human)	SDS-Page, Western Blot

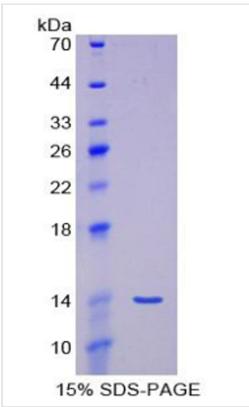
PRODUCT SYNONYMS

Myostatin (MSTN); Recombinant Myostatin (MSTN); MSTN recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose.
Concentration	Original Concentration: 350ug/mL (varies by lot)
Applicable Applications for MSTN recombinant protein	Positive Control, Immunogen, SDS-PAGE, WB (Western Blot)
Application Notes	(May be suitable for use in other assays to be determined by the end user.)
Source	Prokaryotic expression
Residues	Asp267~Ser375
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	6.8
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: 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 degree 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.

IMAGES



DFGL DCDEHSTESR CCRYPLTVDF EAFGWDWIIA
PKRYKANYCS GECEVFVLQK YPHTHLVHQA NPRGSAGPCC TPTKMSPINM
LYFNGKEQII YGKIPAMVVD RCGCS

Sequence Information

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885259
NCBI GeneID	2660
NCBI Accession #	NP_005250.1
NCBI GenBank Nucleotide #	NM_005259.2
UniProt Accession #	O14793; Q6B0H2; A1C2J7; A1C2K0
Molecular Weight	Predicted Molecular Mass: 14.1kDa Accurate Molecular Mass: 14kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	growth/differentiation factor 8
NCBI Official Synonym Full Names	myostatin
NCBI Official Symbol	MSTN
NCBI Official Synonym Symbols	GDF8; MSLHP
NCBI Protein Information	growth/differentiation factor 8; GDF-8; growth differentiation factor 8
UniProt Protein Name	Growth/differentiation factor 8
UniProt Gene Name	MSTN
UniProt Synonym Gene Names	GDF8; GDF-8
UniProt Entry Name	GDF8_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mstn-recombinant-protein-e-coli-positive-control-immunogen-sds-page-wb-western-blot/20283>