

Recombinant Dog MSTN protein(267-375aa), His-tagged

Cat. No. MSTN-224D Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Dog MSTN protein(Q6UKZ8)(267-375aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Dog
Source	E.coli
ProteinLength	267-375aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	16.5 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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AA Sequence DFGLDCDEHSTESRCCRYPLTVDFEAFGWDWIIAPKRYKANYCSGECEFVFLQKYP
HTHLVHQANPRGSAGPCCTPTKMSPINMLYFNGKEQIIYGKIPAMVVDRCGCS

GENE INFORMATION

Gene Name MSTN myostatin [*Canis lupus familiaris*]

Official Symbol MSTN

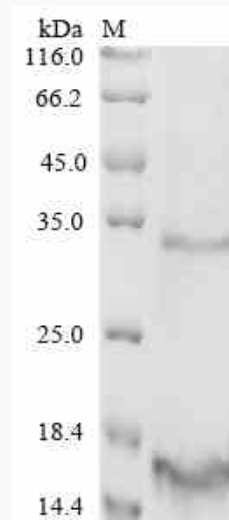
Synonyms MSTN; myostatin; growth/differentiation factor 8; GDF-8; growth differentiation factor 8; GDF8;

Gene ID 403433

mRNA Refseq NM_001002959

Protein Refseq NP_001002959

SDS-PAGE



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