

Datasheet for ABIN7583284  
**MSTN Protein (AA 267-375)**



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## Overview

Quantity:	100 µg
Target:	MSTN
Protein Characteristics:	AA 267-375
Origin:	Human, Mouse, Rat
Source:	HEK-293 Cells
Protein Type:	Recombinant

## Product Details

Purpose:	Human/Mouse/Rat GDF-8 Protein
Sequence:	Asp267-Ser375
Characteristics:	Recombinant Human/Mouse/Rat GDF-8 Protein is expressed from HEK293 without tag. It contains Asp267-Ser375.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

## Target Details

Target:	MSTN
Alternative Name:	GDF-8 ( <a href="#">MSTN Products</a> )
Background:	Growth/differentiation factor 8 (GDF8), or myostatin, negatively regulates muscle mass. GDF8

## Target Details

is held in a latent state through interactions with its N-terminal prodomain. GDF8, like numerous TGF- $\beta$  family members, is a disulfidelinked dimer that is synthesized as a precursor protein which requires cleavage by a furin-like protease to yield an N-terminal prodomain and a C-terminal mature, signaling domain.

Molecular Weight:	12.40 kDa. Due to glycosylation, the protein migrates to 13-15 kDa based on Tris-Bis PAGE result.
UniProt:	<a href="#">O14793</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Liquid
Buffer:	Supplied as 0.22 $\mu$ m filtered solution in 4 mM HCl.
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months