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Datasheet for ABIN4371238

MSTN Protein (AA 262-375)

Overview

Quantity:	50 µg
Target:	MSTN
Protein Characteristics:	AA 262-375
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Human Myostatin/MSTN/GDF-8
Sequence:	KRSRRDFGLD CDEHSTESRC CRYPLTVDFE AFGWDWIIAP KRYKANYCSG ECEVFLQKY PHTHLVHQAN PRGSAGPCCT PTKMSPINML YFNGKEQIIY GKIPAMVVDR CGCS
Characteristics:	Recombinant Human Myostatin/MSTN/GDF-8
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	MSTN
Alternative Name:	Myostatin (MSTN Products)
Molecular Weight:	13kDa

Target Details

UniProt: [O14793](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: It is not recommended to reconstitute to a concentration less than 100 µg/mL.
Dissolve the lyophilized protein in ddH₂O.
Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Handling Advice: Always centrifuge tubes before opening. Do not mix by vortex or pipetting.

Storage: 4 °C/-20 °C/-80 °C

Storage Comment: Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.
Reconstituted protein solution can be stored at 4-7°C for 2-7 days.
Aliquots of reconstituted samples are stable at < -20°C for 3 months.