

Datasheet for ABIN7013006

MSTN Protein (AA 24-375) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	MSTN
Protein Characteristics:	AA 24-375
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MSTN protein is labelled with His tag.

Product Details

Purpose:	Human latent GDF-8 Protein, His Tag (MALS verified)
Purity:	>90 % as determined by reduced SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	MSTN
Alternative Name:	latent GDF-8 (MSTN Products)
Background:	Growth differentiation factor 8 (GDF8), also known as myostatin, is a unique member of the transforming growth factor- β superfamily that is expressed in human granulosa cells and has important roles in regulating a variety of ovarian functions. GDF8 acts as a negative regulator of skeletal muscle growth and differentiation. In addition to the expression in the musculoskeletal system, GDF8 is also expressed in various tissues, including the reproductive system.

Target Details

Molecular Weight:	42.0 kDa
NCBI Accession:	NP_005250

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	PBS, pH 7.4
Storage:	-20 °C