

Datasheet for ABIN6700275

MSTN Protein[Go to Product page](#)**1** Image

Overview

Quantity:	10 µg
Target:	MSTN
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Characteristics:	GDF-8, Myostatin
Purification:	Myostatin purity was determined to be greater than 95% as determined by analysis by UV-Spectroscopy at 280nm and by reducing and non-reducing SDS-PAGE.
Endotoxin Level:	Low endotoxin

Target Details

Target:	MSTN
Alternative Name:	Myostatin (MSTN Products)
UniProt:	O14793

Application Details

Application Notes:	Application Note: Myostatin Recombinant Protein is suitable as a control for polyclonal or monoclonal anti-Myostatin in immunological assays. Other Performance Data: Endotoxin Level: Measured by kinetic LAL analysis and is typically ≤ 1
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Application Details

EU/ μ g protein. Biologic Activity: The activity is determined by the inhibition of the proliferation of MPC-11 cells and is typically less than 20 ng/mL.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitution Volume: 10 μ L (10-100 μ L)
Reconstitution Buffer: 0.02M HCl

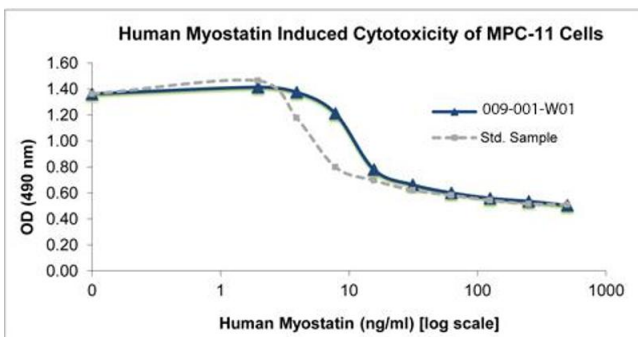
Buffer: Buffer: 0.1 % Trifluoroacetic acid

Preservative: Without preservative

Storage: RT, 4 °C, -20 °C

Expiry Date: 6 months

Images



SDS-PAGE

Image 1. SDS-PAGE of Human Myostatin Recombinant Protein Bioactivity of Human Myostatin Recombinant Protein. MPC-11 cells were cultured with 0 to 500 ng/mL Human Myostatin. Cell viability was measured after 66 hours and the linear portion of the curve was used to calculate the ED50. The ED50 of Human Myostatin is 9.6-14.4 ng/mL. This value is expected to be less than 20 ng/mL.