

## GDF-8 Protein, Mouse (HEK293, Fc)

Cat. No.:	HY-P74127
Synonyms:	Growth/differentiation factor 8; GDF-8; Myostatin; MSTN
Species:	Mouse
Source:	HEK293
Accession:	Q540E2 (D268-S376)
Gene ID:	17700
Molecular Weight:	Approximately 45 kDa

### PROPERTIES

Appearance	Solution
Formulation	Supplied as a 0.2 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

### DESCRIPTION

Background	The GDF-8 protein, also known as myostatin, acts specifically as a negative regulator of skeletal muscle growth. It functions as a homodimer that is disulfide-linked. Additionally, it interacts with WFIKKN2, leading to the inhibition of its activity. Furthermore, it has been found to interact with FSTL3.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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