9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

Myostatin Human, HEK

Myostatin Human Recombinant, HEK
GRF0272

Product Overview

Name	Myostatin Human, HEK
Description	
Myostatin Human Recombinant, HEK	
Accession (Primary)	O14793
Synonyms	
GDF-8, MSTN, Growth Differentiation Factor 8, MSTN Muscle Hypertrophy.	
Introduction	
GDF8 is a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. This group of proteins is characterized by a polybasic proteolytic processing site which is cleaved to produce a mature protein containing seven conserved cysteine residues. The members of this family are regulators of cell growth and differentiation in both embryonic and adult tissues. This gene is thought to encode a secreted protein which negatively regulates skeletal muscle growth.	
Source	
HEK 293.	
Physical Appearance	
Filtered colorless solution.	
Formulation	
Myostatin solution at a concentration of 0.25mg/ml in phosphate buffered saline (PBS) pH 8.0 and 20% (w/v) glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
HHHHHHAS NE NSEQKENVEK EGLCNACTWR QNTKSSRIEA IKIQILSKLR LETAPNISKD VIRQLLPKAP PLRELIDQYD VQRDDSSDGS LEDDDYHATT ETIITMPTES DFLMQVDGKP KCCFFKFSSK IQYNKVVKAQ LWIYLRPVET PTTVFVQILR LIKPMKDGTR YTGIRSLKLD MNPGTGIWQS IDVKTVLQNW LKQPESNLGI EIKALDENGH DLAVTFPGPG EDGLNPFLEV KVTDTPKRSR RDFGLDCDEH STESRCCRYP LTVDFEAFGW	

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DWIIAPKRYK ANYCSGECEF VFLQKYPHTH LVHQANPRGS AGPCCTPTKM SPINMLYFNG KEQIIYGKIP AMVVDRCGCS.

Precautions

Myostatin Human, HEK is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O14793)