

Product datasheet for PA512X

Myostatin (His-tagged Fusion Protein) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Myostatin (His-tagged Fusion Protein) human protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDPSSRS AVR SRRDFGLDCD EHOSTESRCCR YPLTVDFEAF GWDWIIAPKR YKANYCSGEC EFVFLQKYPH THLVHQANPR GSAGPCCTPT KMSPINMLYF NGKEQIIYGK IPAMVVDRCG CS
Tag:	His-tag
Concentration:	lot specific
Purity:	>95% pure.
Buffer:	Presentation State: Purified State: Lyophilized (0.4 µm filtered) purified protein. Buffer System: 0.05 M Acetate buffer, pH 4.5
Reconstitution Method:	Restore with 0.1M Acetate buffer pH 4.5.
Preparation:	Lyophilized (0.4 µm filtered) purified protein.
Applications:	ELISA. Western Blot.
Protein Description:	N-terminal His-tag including the spacer 43AA (highlighted). The AA sequence of the human myostatin part of the fusion protein.
Note:	Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.
Storage:	Store lyophilized (preferably in a desiccator) at -20°C and in aliquots at -80°C. Reconstituted antibody can be stored at 4°C for a limited period of time; it does not show decline in activity after two weeks at 4°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_005250
Locus ID:	2660



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UniProt ID: [Q14793](#), [Q53S46](#)

Cytogenetics: 2q32.2

Synonyms: GDF8; MSLHP

Summary: This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preprotein is proteolytically processed to generate each subunit of the disulfide-linked homodimer. This protein negatively regulates skeletal muscle cell proliferation and differentiation. Mutations in this gene are associated with increased skeletal muscle mass in humans and other mammals. [provided by RefSeq, Jul 2016]

Protein Families: Druggable Genome, Secreted Protein

Product images:

