

## Product datasheet for **AM06308SU-N**

### Myostatin Propeptide (MSTN) Mouse Monoclonal Antibody [Clone ID: 6H12]

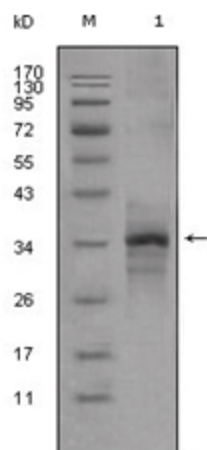
#### Product data:

Product Type:	Primary Antibodies
Clone Name:	6H12
Applications:	WB
Recommended Dilution:	<b>ELISA:</b> 1/10000. <b>Western Blot:</b> 1/500 - 1/2000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of Myostatin expressed in E. Coli.
Specificity:	Recognizes Myostatin.
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% Sodium Azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	42.7 kDa
Gene Name:	myostatin
Database Link:	<a href="#">Entrez Gene 2660 Human</a> <a href="#">O14793</a>
Background:	The protein 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.
Synonyms:	MSTN, GDF8, GDF-8, Growth differentiation factor 8



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## Product images:



Western blot analysis using Myostatin mouse mAb against truncated Myostatin-His recombinant protein (1).