

## Product datasheet for **AP33334PU-N**

### Myostatin Propeptide (MSTN) Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	<b>ELISA.</b>
Reactivity:	Human
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant Human Myostatin.
Specificity:	This antibody detects Human Myostatin. Other species not tested.
Formulation:	200 mM TRIS, pH 8.0 State: Purified State: Lyophilized purified Serum
Reconstitution Method:	Restore in aqua bidest to 1 mg/ml
Purification:	Protein G Chromatography
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	myostatin
Database Link:	<a href="#">Entrez Gene 2660 Human O14793</a>



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**Background:**

Myostatin (GDF8) is expressed uniquely in human skeletal muscle as a 12 kDa mature glycoprotein consisting of 113 amino acid residues and secreted into plasma. Myostatin is a member of the transforming growth factor  $\beta$  superfamily of secreted growth and differentiation factors that is essential for proper regulation of skeletal muscle mass. Studies have shown that myostatin could play an important role in cardiac development and physiology.

**Synonyms:**

MSTN, GDF8, GDF-8, Growth differentiation factor 8