

## Product datasheet for **AP02122SU-S**

### Myostatin Propeptide (MSTN) (53-66) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	ELISA (1:500).
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic human Myostatin (aa 53-66) KLH conjugated
Specificity:	This antibody detects Myostatin (aa 53-66).
Formulation:	State: Serum State: Lyophilised serum
Reconstitution Method:	Restore in aqua bidest to initial volume.
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2 - 8 °C and reconstituted at -20 °C. 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>
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
Note:	LocusID 2660



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