

Recombinant Human ACTA1

Catalog No: #GP11018



Package Size: #GP11018-1 100ug

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Description

Product Name	Recombinant Human ACTA1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 300 amino acids of human actin, alpha 1, skeletal muscle
Target Name	actin, alpha 1, skeletal muscle
Other Names	ACTA; ASMA; CFTD; MPFD; NEM1; NEM2; NEM3; CFTD1; CFTDM
Accession No.	Swissprot:P68133Gene Accession:BC012597
Uniprot	P68133
GeneID	58;
Storage	-20~-80°C, pH 7.6 PBS

Background

The product encoded by this gene belongs to the actin family of proteins, which are highly conserved proteins that play a role in cell motility, structure and integrity. Alpha, beta and gamma actin isoforms have been identified, with alpha actins being a major constituent of the contractile apparatus, while beta and gamma actins are involved in the regulation of cell motility. This actin is an alpha actin that is found in skeletal muscle. Mutations in this gene cause nemaline myopathy type 3, congenital myopathy with excess of thin myofilaments, congenital myopathy with cores, and congenital myopathy with fiber-type disproportion, diseases that lead to muscle fiber defects.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

Note: This product is for in vitro research use only