

ACTA1 抗原（重组蛋白）

中文名称：ACTA1 抗原（重组蛋白）

英文名称：ACTA1 Antigen (Recombinant Protein)

别名：actin, alpha 1, skeletal muscle; ACTA; ASMA; CFTD; MPFD; NEM1; NEM2; NEM3; CFTD1; CFTDM

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to C terminal 300 amino acids of human ACTA1

技术规格：

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|---------------------------|--|
| Full name: | actin, alpha 1, skeletal muscle |
| Synonyms: | ACTA; ASMA; CFTD; MPFD; NEM1; NEM2; NEM3; CFTD1; CFTDM |
| Swissprot: | P68133 |
| Gene Accession: | BC012597 |
| Purity: | >85%, as determined by Coomassie blue stained SDS-PAGE |
| Expression system: | Escherichia coli |
| Tags: | His tag C-Terminus, GST tag N-Terminus |
| 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 sk |

letal 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.