

ACTA1 (Human) Cell-Based ELISA Kit

Catalog # KA2557

Size 1 Kit

Specification

Product Description	ACTA1 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of ACTA1 expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse, Rat
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — ACTA1

Entrez GeneID	58
Protein Accession#	P68133
Gene Name	ACTA1
Gene Alias	ACTA, ASMA, CFTD, CFTD1, CFTDM, MPFD, NEM1, NEM2, NEM3
Gene Description	actin, alpha 1, skeletal muscle

Omim ID [102610 161800 255310](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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. [provided by RefSeq]

Other Designations OTTHUMP00000036123|alpha skeletal muscle actin

Disease

- [Acute Disease](#)
- [Alzheimer disease](#)
- [Atherosclerosis](#)
- [Calcinosis](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Myocardial Infarction](#)
- [Parkinson disease](#)