

Recombinant Human ACTG1

Catalog No: #GP10037



Package Size: #GP10037-1 100ug

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Description

Product Name	Recombinant Human ACTG1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 4-379 amino acids of human actin, gamma 1
Target Name	actin, gamma 1
Other Names	ACT, ACTG, BRWS2, DFNA20, DFNA26
Accession No.	Swissprot:P63261Gene Accession:BC018774
Uniprot	P63261
GeneID	71;
Storage	-20~-80°C, pH 7.6 PBS

Background

Actins are highly conserved proteins that are involved in various types of cell motility, and maintenance of the cytoskeleton. In vertebrates, three main groups of actin isoforms, alpha, beta and gamma have been identified. The alpha actins are found in muscle tissues and are a major constituent of the contractile apparatus. The beta and gamma actins co-exist in most cell types as components of the cytoskeleton, and as mediators of internal cell motility. Actin, gamma 1, encoded by this gene, is a cytoplasmic actin found in non-muscle cells. Mutations in this gene are associated with DFNA20/26, a subtype of autosomal dominant non-syndromic sensorineural progressive hearing loss. Alternative splicing results in multiple transcript variants.

References

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

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