

## ACTG1 抗原（重组蛋白）

中文名称：ACTG1 抗原（重组蛋白）

英文名称：ACTG1 Antigen (Recombinant Protein)

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to a region derived from 4-379 amino acids of human ACTG1

技术规格

<b>Full name:</b>	actin, gamma 1
<b>Synonyms:</b>	ACT, ACTG, BRWS2, DFNA20, DFNA26
<b>Swissprot:</b>	P63261
<b>Gene Accession:</b>	BC018774
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	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.