

ACTN4 抗原（重组蛋白）

中文名称：ACTN4 抗原（重组蛋白）

英文名称：ACTN4 Antigen (Recombinant Protein)

别名：FSGS; FSGS1; ACTININ-4

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 50-269 amino acids of human ACTN4

技术规格：

Full name:	actinin, alpha 4
Synonyms:	FSGS; FSGS1; ACTININ-4
Swissprot:	O43707
Gene Accession:	BC005033
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Alpha actinins belong to the spectrin gene superfamily which represents a diverse group of cytoskeletal proteins, including the alpha and beta spectrins and dystrophins. Alpha actinin is an actin-binding protein with multiple roles in different cell types. In nonmuscle cells, the cytoskeletal isoform is found along microfilament bundles and adherens-type junctions, where it is involved in binding actin to the membrane. In contrast, skeletal, cardiac, and smooth muscle isoforms are I

	ocalized to the Z-disc and analogous dense bodies, where they help anchor the myofibrillar actin filaments. This gene encodes a nonmuscle, alpha actinin isoform which is concentrated in the cytoplasm, and thought to be involved in metastatic processes.
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