

## 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：

<b>Full name:</b>	actinin, alpha 4
<b>Synonyms:</b>	FSGS; FSGS1; ACTININ-4
<b>Swissprot:</b>	O43707
<b>Gene Accession:</b>	BC005033
<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>	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 localized to the Z-disc and analogous dense bodies, where they help anchor the myofibrillar actin filaments. This gene encodes a nonmuscle

le, alpha actinin isoform which is concentrated in the cytoplasm, and thought to be involved in metastatic processes.