

Recombinant Human ACTN4 protein, MYC/DDK-tagged

Cat. No. ACTN4-553H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACTN4 fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	104.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Notes	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	ACTN4 actinin, alpha 4 [Homo sapiens]
Official Symbol	ACTN4

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Synonyms	ACTN4; actinin, alpha 4; focal segmental glomerulosclerosis 1 , FSGS1; alpha-actinin-4; actinin alpha4 isoform; non-muscle alpha-actinin 4; F-actin cross-linking protein; focal segmental glomerulosclerosis 1; FSGS; FSGS1; ACTININ-4; DKFZp686K23158;
Gene ID	81
mRNA Refseq	NM_004924
Protein Refseq	NP_004915
MIM	604638
UniProt ID	O43707
Chromosome Location	19q13
Pathway	Adherens junction, organism-specific biosystem; Adherens junction, conserved biosystem; Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), organism-specific biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), conserved biosystem; Cell-Cell communication, organism-specific biosystem;
Function	actin binding; actin filament binding; calcium ion binding; integrin binding; nucleoside binding; protein N-terminus binding; protein binding; protein homodimerization activity;