Recombinant Human ACTN4 protein, His-tagged

Cat. No. ACTN4-2451H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACTN4 protein(612-911 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	612-911 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 μg/μl in 200 μl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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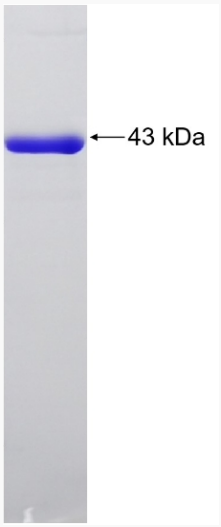
AA Sequence	TTVTPQIINSKWEKVQQLVPKRDHALLEEQSKQQSNEHLRRQFASQANVVGPWIQT KMEEIGRISIEMNGTLEDQLSHLKQYERSIVDYKPNLDLLEQQHQLIQEALIFDNKHTN YTMEHIRVGWEQLLTTIARTINEVENQILTRDAKGISQEQMQEFRASFNHFDKDHGG ALGPEEFKACLISLGYDVENDRQGEAEFNRIMSLVDPNHSGLVTFQAFIDFMSRETT DTDTADQVIASFKVLAGDKNFITAEELRRELPPDQAEYCIARMAPYQGPDAVPGALD YKSFSTALYGESDL

GENE INFORMATION

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

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SDS-PAGE



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