

Recombinant Human ANLN protein, GST-tagged

Cat. No. ANLN-616H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ANLN full-length ORF (AAH34692, 1 a.a. - 405 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
ProteinLength	1-405 aa
Description	This gene encodes an actin-binding protein that plays a role in cell growth and migration, and in cytokinesis. The encoded protein is thought to regulate actin cytoskeletal dynamics in podocytes, components of the glomerulus. Mutations in this gene are associated with focal segmental glomerulosclerosis 8. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Oct 2014]
Molecular Mass	70.29 kDa
AA Sequence	MQELNNEINMQQTVIYQASQALNCCVDEEHGKGSLEEAEAEERLLLIATGKRTLLIDEL NKLKNEGPQRKNKASPQSEFMPSKGSVTLSEIRLPLKADFVCSTVQKPDAANYYYLII LKAGAENMVATPLASTSNSLNGDALFTTTTFTLQDVSNDFEINIEVYSLVQKKDPSGL DKKKKTSKSKAITPKRLLTSITTKSNIHSSVMASPGGLSAVRTSNFALVGSYTLSSLSSV GNTKFVLDDKVPFLSSLEGHIYLIKICQVNSSVEERGFLTIFEDVSGFGAWHRRWCVL SGNCISYWTPDDEKRKNPIGRINLANCTSRQIEPANREFRARRNTFELITVRPQRED DRETLVSQCRDTLCVTKNWLSADTKEERDLWMQKLNQVLVDIRLWQPDACYKPIGK

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

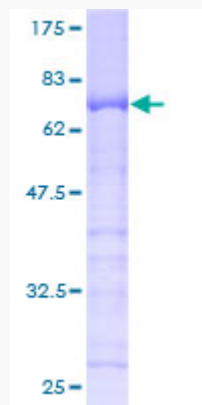
 45-1 Ramsey Road, Shirley, NY 11967, USA

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Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	ANLN anillin, actin binding protein [Homo sapiens]
Official Symbol	ANLN
Synonyms	ANLN; anillin, actin binding protein; anillin (Drosophila Scraps homolog), actin binding protein , anillin, actin binding protein (scraps homolog, Drosophila); actin-binding protein anillin; ANILLIN; scra; Scraps; DKFZp779A055;
Gene ID	54443
mRNA Refseq	NM_018685
Protein Refseq	NP_061155
UniProt ID	Q9NQW6

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12.5% SDS-PAGE Stained with Coomassie Blue.

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