

## Recombinant Human FLNA Protein, His-tagged

Cat. No. FLNA-413H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human FLNA(Ser2~Pro274) fused with His tag at N-terminal was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ser2~Pro274
<b>Description</b>	The protein encoded by this gene is an actin-binding protein that crosslinks actin filaments and links actin filaments to membrane glycoproteins. The encoded protein is involved in remodeling the cytoskeleton to effect changes in cell shape and migration. This protein interacts with integrins, transmembrane receptor complexes, and second messengers. Defects in this gene are a cause of several syndromes, including periventricular nodular heterotopias (PVNH1, PVNH4), otopalatodigital syndromes (OPD1, OPD2), frontometaphyseal dysplasia (FMD), Melnick-Needles syndrome (MNS), and X-linked congenital idiopathic intestinal pseudoobstruction (CIIPX). Two transcript variants encoding different isoforms have been found for this gene.
<b>Form</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Molecular Mass</b>	34.3kDa
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)

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<b>Purity</b>	> 95%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Reconstitution</b>	Reconstitute in PBS or others

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">FLNA filamin A, alpha [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">FLNA</a>
<b>Synonyms</b>	FLNA; filamin A, alpha; filamin A, alpha (actin binding protein 280) , FLN, FLN1, OPD1, OPD2; filamin-A; ABP 280; actin binding protein 280; filamin-1; alpha-filamin; non-muscle filamin; endothelial actin-binding protein; FLN; FMD; MNS; OPD; ABPX; CVD1; FLN1; NHBP; OPD1; OPD2; XLVD; XMVD; FLN-A; ABP-280; FLJ43642; DKFZp434P031;
<b>Gene ID</b>	<a href="#">2316</a>
<b>mRNA Refseq</b>	<a href="#">NM_001110556</a>

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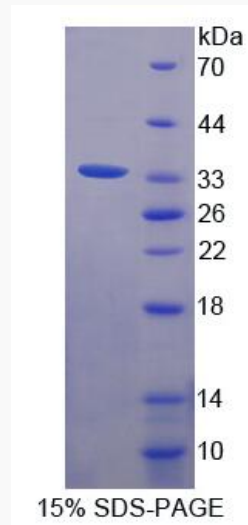
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**Protein Refseq** NP\_001104026

**MIM** 300017

**UniProt ID** P21333



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