

## Recombinant Human FLNB protein, His & T7-tagged

**Cat. No.** FLNB-1388H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human FLNB aa. (Met1~Phe237 (Accession # O75369) fused with N-terminal His & T7 tag was produced in E. coli cells.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1~Phe237
<b>Description</b>	This gene encodes a member of the filamin family. The encoded protein interacts with glycoprotein Ib alpha as part of the process to repair vascular injuries. The platelet glycoprotein Ib complex includes glycoprotein Ib alpha, and it binds the actin cytoskeleton. Mutations in this gene have been found in several conditions: atelosteogenesis type 1 and type 3; boomerang dysplasia; autosomal dominant Larsen syndrome; and spondylocarpotarsal synostosis syndrome. Multiple alternatively spliced transcript variants that encode different protein isoforms have been described for this gene.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 31.2kDa.
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)
<b>Purity</b>	>95%

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<b>Characteristic</b>	The isoelectric point is 6.0.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
<b>Storage buffer</b>	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
<b>Reconstitution</b>	Reconstitute in sterile PBS, pH7.2-pH7.4.

## GENE INFORMATION

<b>Gene Name</b>	FLNB filamin B [ Homo sapiens (human) ]
<b>Official Symbol</b>	FLNB
<b>Synonyms</b>	FLNB; filamin B; AOI; FH1; SCT; TAP; LRS1; TABP; FLN-B; FLN1L; ABP-278; ABP-280; filamin-B; ABP-280 homolog; Larsen syndrome 1 (autosomal dominant); actin binding protein 278; actin-binding-like protein; beta-filamin; filamin B, beta; filamin homolog 1; filamin-3; thyroid autoantigen
<b>Gene ID</b>	2317

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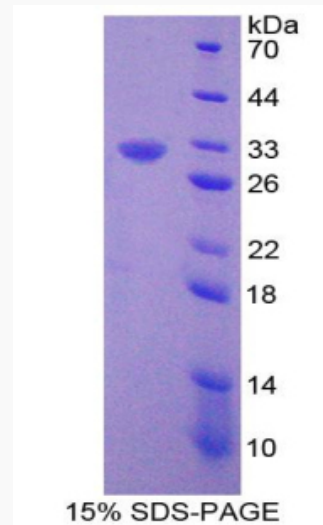
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mRNA Refseq [NM\\_001164317.1](#)

Protein Refseq [NP\\_001157789.1](#)

UniProt ID [O75369](#)

SDS-PAGE



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