

Datasheet for ABIN2721188

Filamin A Protein (Transcript Variant 1) (Myc-DYKDDDDK Tag)[Go to Product page](#)[1 Image](#)[1 Publication](#)

Overview

Quantity:	20 µg
Target:	Filamin A (FLNA)
Protein Characteristics:	Transcript Variant 1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Filamin A protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	<ul style="list-style-type: none">• Recombinant human Filamin-A (transcript variant 1) protein expressed in HEK293 cells.• Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details

Target:	Filamin A (FLNA)
Alternative Name:	Filamin-A (FLNA Products)
Background:	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

Target Details

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.[provided by RefSeq, Mar 2009].

Molecular Weight: 280.6 kDa

NCBI Accession: [NP_001104026](#)

Pathways: [TCR Signaling, Maintenance of Protein Location](#)

Application Details

Application Notes: Recombinant human proteins can be used for:
Native antigens for optimized antibody production
Positive controls in ELISA and other antibody assays

Comment: The tag is located at the C-terminal.

Restrictions: For Research Use only

Handling

Concentration: 50 µg/mL

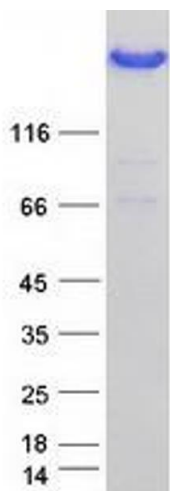
Buffer: 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.

Storage: -80 °C

Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Publications

Product cited in: Henkels, Mallets, Dennis, Gomez-Cambronero: "S6K is a morphogenic protein with a mechanism involving Filamin-A phosphorylation and phosphatidic acid binding." in: **FASEB journal : official publication of the Federation of American Societies for Experimental Biology**, Vol. 29, Issue 4, pp. 1299-313, (2015) ([PubMed](#)).



Western Blotting

Image 1. Validation with Western Blot