

Product datasheet

Recombinant Human Fibrillin 2 protein ab114937

[1 Image](#)

Description

Product name	Recombinant Human Fibrillin 2 protein
Expression system	Wheat germ
Accession	<u>P35556</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	RQKRSIHEPDPTAVEQISLESVDMDSPVNMKFNLSHLGSK EHILELRPAI QPLNNHIRYVISQGNDDSVFRIHQRNGLSYLHTAKKKLMPG TYTLEITSIP
Predicted molecular weight	37 kDa including tags
Amino acids	2776 to 2876

Specifications

Our **Abpromise guarantee** covers the use of **ab114937** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Western blot ELISA
Form	Liquid

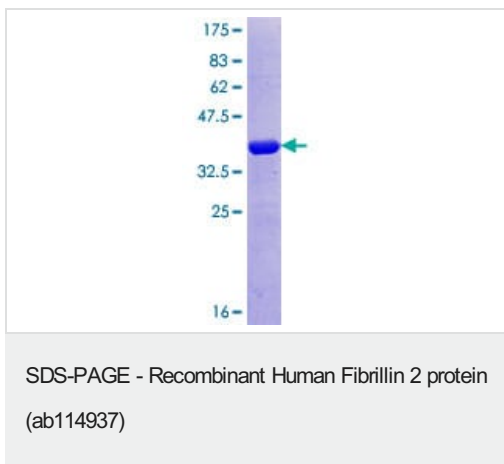
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
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General Info

Function	Fibrillins are structural components of 10-12 nm extracellular calcium-binding microfibrils, which occur either in association with elastin or in elastin-free bundles. Fibrillin-2-containing microfibrils regulate the early process of elastic fiber assembly. Regulates osteoblast maturation by controlling TGF-beta bioavailability and calibrating TGF-beta and BMP levels, respectively.
Involvement in disease	Defects in FBN2 are the cause of congenital contractural arachnodactyly (CCA) [MIM:121050]; also known as Beals syndrome or distal arthrogyposis type 9 (DA9). CCA is a rare, autosomal dominant connective tissue disorder characterized by contractures, arachnodactyly, scoliosis, and crumpled ears. Phenotypically similar to Marfan syndrome, CCA does not affect the aorta and the eyes.
Sequence similarities	Belongs to the fibrillin family. Contains 47 EGF-like domains. Contains 9 TB (TGF-beta binding) domains.
Cellular localization	Secreted > extracellular space > extracellular matrix.

Images



ab114937 on a 12.5% SDS-PAGE Stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
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