

Product datasheet for TP304683

Fibulin 5 (FBLN5) (NM_006329) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human fibulin 5 (FBLN5), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204683 protein sequence Red=Cloning site Green=Tags(s)

MPGIKRILVTILALCLPSPGNAQAQCTNGFDLDRQSGQCLDIDECRTIPEACRGDMMCVNQNGGYLCIP
RTNPVYRGPYSNPYSTPYSGPYPAAPPLSAPNYPTISRPLICRFGYQMDESNQCVDVDECATDSHQCNP
TQICINTEGGYTCSDTDGYWLLEGQCLDIDECRYGYCQQLCANVPGSYSCTCNPGFTLNEDGRSCQDVNE
CATENPCVQTCVNTYGSFICRCDPGYELEEDGVHCSDMDECSFSEFLCQHECVNQPGTYFCSCPPGYILL
DDNRSCQDINECEHRNHTCNLQQTTCYNLQGGFKCIDPIRCEEPLYRISDNRCMCPAENPGCRDQPFTILY
RDMDVWSGRSVPADIFQMQAATRYPGAYYIFQIKSGNEGREFYMRQTGPISATLVMTRPIKGPRIQLDL
EMITVNTVINFRGSSVIRLRIYVSQYPF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	47.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_006320</u>



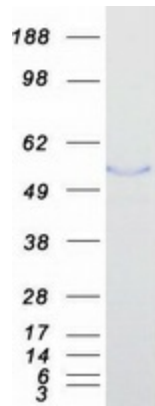
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Locus ID:	10516
UniProt ID:	Q9UBX5 , A0A024R6G3
RefSeq Size:	2637
Cytogenetics:	14q32.12
RefSeq ORF:	1344
Synonyms:	ADCL2; ARCL1A; ARMD3; DANCE; EVEC; FIBL-5; HNARMD; UP50

Summary: The protein encoded by this gene is a secreted, extracellular matrix protein containing an Arg-Gly-Asp (RGD) motif and calcium-binding EGF-like domains. It promotes adhesion of endothelial cells through interaction of integrins and the RGD motif. It is prominently expressed in developing arteries but less so in adult vessels. However, its expression is reinduced in balloon-injured vessels and atherosclerotic lesions, notably in intimal vascular smooth muscle cells and endothelial cells. Therefore, the protein encoded by this gene may play a role in vascular development and remodeling. Defects in this gene are a cause of autosomal dominant cutis laxa, autosomal recessive cutis laxa type I (CL type I), and age-related macular degeneration type 3 (ARMD3). [provided by RefSeq, Jul 2008]

Protein Families: Secreted Protein

Product images:



Coomassie blue staining of purified FBLN5 protein (Cat# TP304683). The protein was produced from HEK293T cells transfected with FBLN5 cDNA clone (Cat# [RC204683]) using MegaTran 2.0 (Cat# [TT210002]).