

Product datasheet for **TP304683SE**

Fibulin 5 (FBLN5) (NM_006329) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human fibulin 5 (FBLN5), secretory expressed in HEK293T cells, 20ug
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204683 protein sequence Red =Cloning site Green =Tags(s)
	<p>MPGIKRILVTILALCLPSPGNAQAQCTNGFDLDRQSGQCLDIDECRTIPEACRGDMMCVNQNGGYLCIP RTNPVYRGPYSNPYSTPYSGPYAAAPPLSAPNYPTISRPLICRFGYQMDENQCVDVDECATDSHQCNP TQICINTEGGYTCSCTDGYWLLEGQCLDIDECRYGYCQQLCANVPGSYSCTCNPGFTLNEDGRSCQDVNE CATENPCVQTCVNTYGSFICRCDPGYELEEDGVHCSMDCECSFSEFLCQHECVNQPGTYFCSCPPGYILL DDNRSCQDINECEHRNHTCNLQQTTCYNLQGGFKCIDPIRCEEPYLRISDNRCMCPAENPGCRDQPFTILY RDMDVVSGRSVPADIFQMQUATTRYPGAYYIFQIKSGNEGREFYMRQTGPISATLVMTRPIKGPRIQLDL EMITVNTVINFRGSSVIRLRIYVSQYPF</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	51.4 kDa
Concentration:	>50 ug/mL as determined by microplate Bradford method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25mM Tris-HCl, pH7.3, 100mM glycine, 10% glycerol
Note:	For culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for at least 1 year from receipt of products under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_006320</u>
Locus ID:	10516



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UniProt ID: [Q9UBX5](#), [A0A024R6G3](#)

RefSeq Size: 2637

Cytogenetics: 14q32.12

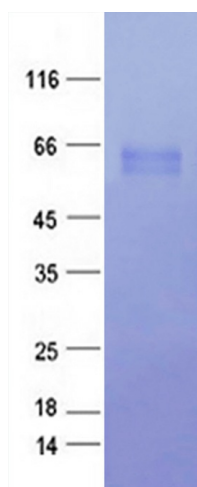
RefSeq ORF: 1344

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 #TP304683SE). The protein was produced from mammalian cells transfected with FBLN5 cDNA clone (Cat #[RC204683]).