

Product datasheet for **TP322886L**

FREM1 (NM_144966) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human FRAS1 related extracellular matrix 1 (FREM1), 1 mg
Species:	Human
Expression Host:	HEK293T



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Expression cDNA >RC222886 representing NM_144966
Clone or AA Red=Cloning site Green=Tags(s)
Sequence:

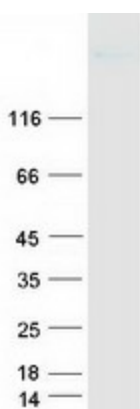
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DDEVFEVILNSPVNAVLGKTKAAVKILDSKGGQCHPSYSSNQSKHSTWEKGIWHLLPPGSSSSTSGSF
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SFPTHKRKAKVSIISQPQKTIKVAELPQADKVESTTDSHFPRQDQLPSFPKNTLELKLGFHFEEGIQKL
YQCNGIAWKAWSPQTKDVEDKSCPAGWHQHSGYCHILITEQKGTWNAQAACREQYLGNLVTVFSRQHMR
WLWDIGGRKSFWIGLNDQVHAGHWEWIGGEPVAFTNGRRGPSQRSKLGKSCVLVQRQGWQTKDCRRAKP
HNYVCSRKL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 241.9 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:	NP_659403
Locus ID:	158326
UniProt ID:	Q5H8C1
RefSeq Size:	7387
Cytogenetics:	9p22.3
RefSeq ORF:	6537
Synonyms:	BNAR; C9orf143; C9orf145; C9orf154; MOTA; TILRR; TRIGNO2
Summary:	This gene encodes a basement membrane protein that may play a role in craniofacial and renal development. Mutations in this gene have been associated with bifid nose with or without anorectal and renal anomalies. Alternatively spliced transcript variants encoding different isoforms have been described. PubMed ID 19940113 describes one such variant that initiates transcription within a distinct, internal exon; the resulting shorter isoform (named Toll-like/interleukin-1 receptor regulator, TILRR) is suggested to be a co-receptor of the interleukin 1 receptor family and may regulate receptor function and Toll-like receptor/interleukin 1 receptor signal transduction, contributing to the control of inflammatory response activation. [provided by RefSeq, Apr 2011]
Protein Families:	Protease, Transmembrane

Product images:



Coomassie blue staining of purified FREM1 protein (Cat# [TP322886]). The protein was produced from HEK293T cells transfected with FREM1 cDNA clone (Cat# [RC222886]) using MegaTran 2.0 (Cat# [TT210002]).