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Product datasheet for TP313834

IFITM5 (NM_001025295) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human interferon induced transmembrane protein 5 (IFITM5), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC213834 representing NM_001025295 Red=Cloning site Green=Tags(s) MDTAYPREDTRAPTPSKAGAHTALTLGAPHPPPRDHLIWSVFSTLYLNLCCLGFLALAYSIKARDQKVVG DLEAARRFGSKAKCYNILAAMWTLVPPLLLLGLVVTGALHLARLAKDSAAFFSTKFDDADYD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	14.2 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_001020466
Locus ID:	387733
UniProt ID:	A6NNB3
RefSeq Size:	733
Cytogenetics:	11p15.5

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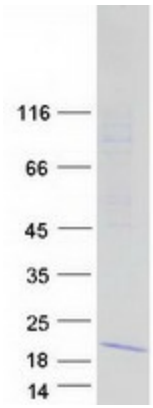
RefSeq ORF: 396

Synonyms: BRIL; DSPA1; fragilis4; Hrmp1; OI5

Summary: This gene encodes a membrane protein thought to play a role in bone mineralization. This gene is located on chromosome 11 in a cluster of related genes which are induced by interferon, however, this gene has not been shown to be interferon inducible. A similar gene, located in a gene cluster on mouse chromosome 7, is a member of the interferon-inducible fragilis gene family. The mouse gene encodes a transmembrane protein described as participating in germ cell competence. A mutation in the 5' UTR of this gene has been associated with osteogenesis imperfecta type V (PMID: 22863190, 22863195). [provided by RefSeq, Aug 2012]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified IFITM5 protein (Cat# TP313834). The protein was produced from HEK293T cells transfected with IFITM5 cDNA clone (Cat# [RC213834]) using MegaTran 2.0 (Cat# [TT210002]).