

Recombinant Full Length Human IFITM5 Protein, C-Flag-tagged

Cat. No. IFITM5-1853HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human IFITM5 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	14.2 kDa
AA Sequence	MDTAYPREDTRAPTPSKAGAHTALTLGAPHPPPRDHLIWSVFSTLYLNLCCCLGFLAL AYSIKARDQKVVG DLEAARRFGSKAKCYNILAAMWTLVPPLLLLGLVVTGALHLARL AKDSAAFFSTKFDDADYD TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transmembrane
Full Length	Full L.

GENE INFORMATION

Gene Name	IFITM5 interferon induced transmembrane protein 5 [Homo sapiens (human)]
Official Symbol	IFITM5
Synonyms	OI5; BRIL; DSPA1; Hrmp1; fragilis4
Gene ID	387733
mRNA Refseq	NM_001025295.3
Protein Refseq	NP_001020466.1
MIM	614757

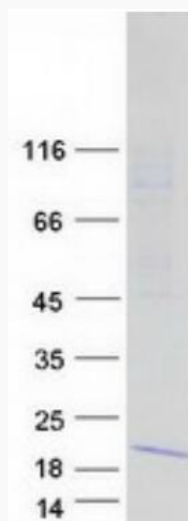
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UniProt ID

A6NNB3



Coomassie blue staining of purified IFITM5 protein.

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