

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

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

## SPECIFICATION

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

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

## GENE INFORMATION

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

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UniProt ID

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