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Product Information

MemDX™ Membrane Protein Human IFITM5 (Interferon induced transmembrane protein 5)

Cat. No.: **MP0078J**
This product is for research use only and is not intended for diagnostic use.

This product is a 14.2 kDa Human IFITM5 membrane protein expressed in HEK293T. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species
Human

Target Protein
IFITM5

Protein Length
Full-length

Protein Class
Transmembrane

Molecular Weight
14.2 kDa

TMD
2

Sequence
MDTAYPREDTRAPTPSKAGAHTALTLGAPHPPPRDHLIWSVFSTLYLNLCCLGFLALAYSIKARDQKVVG
DLEAARRFGSKAKCYNILAAMWTLVPPLLLLGLVVTGALHLARLAKDSAAFFSTKFDDADYD

Product Description

Expression Systems
HEK293T

Tag
C-Myc/DDK

Form
Liquid

Purification
Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target

Target Protein

IFITM5

Full Name

Interferon induced transmembrane protein 5

Introduction

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.

Alternative Names

OI5; BRIL; DSPA1; Hrmp1; fragilis4; bone-restricted ifitm-like protein; bone-restricted interferon-induced transmembrane protein-like protein; dispanin subfamily A member 1

Gene ID

387733

UniProt ID

A6NNB3