

Recombinant Human IFITM1 Protein, GST-tagged

Cat. No. IFITM1-45H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IFITM Protein() is expressed from E. coli with a GST Tag at the N-terminal.
Species	Human
Source	E.coli
ProteinLength	1-125 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
Bio-activity	Not tested.
AA Sequence	MHKEEHEVAVLGAPPSTILPRSTVINIHSETSVDPDHVVWSLFNTLFLNWCCLGFI AFA YSVKSRDRKMVG DVTGAQAYASTAKCLNIWALILGILMTIGFILLLVFGSVTVYHIMLQI IQE KRGY
Endotoxin	Please contact the lab for more information.
Purity	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.

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Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature (see below).

GENE INFORMATION

Gene Name	IFITM1
Official Symbol	IFITM1
Synonyms	9-27; CD225; IFI17; LEU13
Gene ID	8519
mRNA Refseq	NM_003641.5
Protein Refseq	NP_003632.4

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MIM	604456
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UniProt ID	P13164
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