

Product Datasheet

Recombinant Human IFITM3/Fragilis GST (N-Term) Protein H00010410-P01-10ug

Unit Size: 10 ug

Store at -80C. Avoid freeze-thaw cycles.

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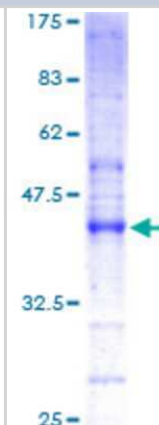


H00010410-P01-10ug**Recombinant Human IFITM3/Fragilis GST (N-Term) Protein**

Product Information	
Unit Size	10 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>80% by SDS-PAGE and Coomassie blue staining
Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
Target Molecular Weight	40.37 kDa
Product Description	
Description	<p>A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-133 of Human IFITM3</p> <p>Source: <i>Wheat Germ (in vitro)</i></p> <p>Amino Acid Sequence: MNHTVQTFVNSGQPPNYEMLKEEHEVAVLGAPHNPAPPTSTVIHIRSETS VPDHVVWVSLFNTLFMNPCCLGFI AFAYSVKSRDRKMVGDTVGAQAYASTAKCL NIWALILGILMTILLIVIPVLIFQAYG</p>
Gene ID	10410
Gene Symbol	IFITM3
Species	Human
Preparation Method	in vitro wheat germ expression system
Details of Functionality	This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Protein Array, Immunoaffinity Purification
Recommended Dilutions	Western Blot, ELISA, Protein Array, Immunoaffinity Purification

Images

12.5% SDS-PAGE Stained with Coomassie Blue.



Publications

J Lee, ME Robinson, N Ma, D Artadji, MA Ahmed, G Xiao, T Sadras, G Deb, J Winchester, KN Cosgun, H Geng, LN Chan, K Kume, TP Miettinen, Y Zhang, MA Nix, L Klemm, CW Chen, J Chen, V Khairnar, AP Wiita, A Thomas-Tik, M Farzan, JU Jung, DM Weinstock, SR Manalis, MS Diamond, N Vaidehi, M Müschen IFITM3 functions as a PIP3 scaffold to amplify PI3K signalling in B γ $\frac{1}{2}$ cells Nature, 2020-11-04;0(0):. 2020-11-04 [PMID: 33149299]

Kazi R, Siddhartha D, Andrew B et al. Cholesterol Binds the Amphipathic Helix of IFITM3 and Regulates Antiviral Activity. J Mol Biol. 2022-07-21 [PMID: 35872070]

Yao L, Dong H, Zhu H et al. Identification of the IFITM3 gene as an inhibitor of hepatitis C viral translation in a stable STAT1 cell line. Journal of Viral Hepatitis. 2011-01-01 [PMID: 21914072]



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Products Related to H00010410-P01-10ug

NBP1-89401PEP	IFITM3/Fragilis Recombinant Protein Antigen
AF808	Osteopontin/OPN Antibody [Unconjugated]
AF3377	IFITM3/Fragilis Antibody
AF1759	Oct-3/4 Antibody [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 1 year from date of receipt.

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