

Recombinant Full Length Human ABHD5 Protein, GST-tagged

Cat. No. ABHD5-879HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ABHD5 full-length ORF (AAH21958, 1 a.a. - 349 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	349 amino acids
Description	The protein encoded by this gene belongs to a large family of proteins defined by an alpha/beta hydrolase fold, and contains three sequence motifs that correspond to a catalytic triad found in the esterase/lipase/thioesterase subfamily. It differs from other members of this subfamily in that its putative catalytic triad contains an asparagine instead of the serine residue. Mutations in this gene have been associated with Chanarin-Dorfman syndrome, a triglyceride storage disease with impaired long-chain fatty acid oxidation. [provided by RefSeq, Jul 2008]
Molecular Mass	64.13 kDa
AA Sequence	MAAEEEEVDS ADTGERSGWL TGWLPTWCPT SISHLKEAEE KMLKCVPCY KKEPVRIENG NKIWLKFSH NISNKTPLVL LHGFGGGLGL WALNFGDLCT NRPVYAFDLL GFGRSSRPRF DSDAEEVENQ FVESIEEWRC ALGLDKMILL GHNLGGLFLAA AYSLKYPSRV NHLILVEPWG FPERPDLADQ DRPIPVWIRA LGAALTPFNP LAGLRIAGPF GLSLVQRLRP DFKRKYSSMF EDDTVTEYIY HCNVQTPSGE TAFKNMTIPY GWAKRPMLQR IGKMHPDIPV SVIFGARSCI

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DGNSGTSIQS LRPHSYVKTI AILGAGHYVY ADQPEEFNQK VKEICDTVD

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

ABHD5 abhydrolase domain containing 5 [Homo sapiens]

Official Symbol

ABHD5

Synonyms

ABHD5; abhydrolase domain containing 5; 1-acylglycerol-3-phosphate O-acyltransferase ABHD5; CGI 58; NCIE2; lipid droplet-binding protein CGI-58; abhydrolase domain-containing protein 5; CDS; CGI58; IECN2; MGC8731

Gene ID

51099

mRNA Refseq

NM_016006

Protein Refseq

NP_057090

MIM

604780

UniProt ID

Q8WTS1

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