

# Recombinant Full Length Human ABHD5 Protein, GST-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Human ABHD5 full-length ORF ( AAH21958, 1 a.a. - 349 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	349 amino acids
<b>Description</b>	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]
<b>Molecular Mass</b>	64.13 kDa
<b>AA Sequence</b>	MAAEEEEVDS ADTGERSGWL TGWLPTWCPT SISHLKEAEE KMLKCVPCY KKEPVRIKNG NKIWTLKFSH NISNKTPLVL LHGFGGGLGL WALNFGDLCT NRPVYAFDLL GFGRSSRPRF DSDAEEVENQ FVESIEEWRC ALGLDKMILL GHNLGGFLAA AYSLKYPSRV NHLILVEPWG FPERPDADQ DRPIVWIRA 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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