

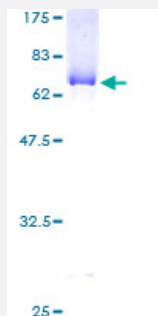
Full-Length

# ABHD5 (Human) Recombinant Protein (P01)

Catalog # H00051099-P01

Size 25 ug, 10 ug

## Applications



## Specification

### Product Description

Human ABHD5 full-length ORF ( AAH21958, 1 a.a. - 349 a.a.) recombinant protein with GST-tag at N-terminal.

### Sequence

MAAEEEEVDSADTGERSGWLTGWLPTWCPTSISHLKEAEEKMLKCVPCITYKKEPVRIISNGNKM  
TLKFSHNISNKTPLVLLHGFGGGLGLWALNFGDLCTNRPVYAFDLLGFRSSRPFRDSDAEEVEN  
QFVESIEEWRCALGLDKMILLGHNLGFLAAAYSLKYPSRVNHLILVEPWGFPERPDADQDRPIP  
VWIRALGAALTPFNPLAGLRIAGPFGLSLVQRLRPDFKRKYSSMFEDDTVTEYYHCNVQTPSGET  
AFKNMTIPYGWAKRPMLQRIGKMHPDIPVSVIFGARSCIDGNSGTSIQSLRPHSYVKTAILGAGHYV  
YADQPEEFNQKVKEICDITVD

### Host

Wheat Germ (in vitro)

### Theoretical MW (kDa)

64.13

### Interspecies Antigen Sequence

Mouse (94); Rat (94)

### Preparation Method

[in vitro wheat germ expression system](#)

### Purification

Glutathione Sepharose 4 Fast Flow

### Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

### Storage Buffer

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

**Storage Instruction**

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

**Note**

Best use within three months from the date of receipt of this protein.

## Applications

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

## Gene Info — ABHD5

**Entrez GeneID**[51099](#)**GeneBank Accession#**[BC021958](#)**Protein Accession#**[AAH21958](#)**Gene Name**

ABHD5

**Gene Alias**

CDS, CGI58, IECN2, MGC8731, NCIE2

**Gene Description**

abhydrolase domain containing 5

**Omim ID**[275630 604780](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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]

**Other Designations**

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