

# Recombinant Full Length Human ABHD1 Protein, GST-tagged

**Cat. No.** ABHD1-823HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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| <b>Product Overview</b> | Human ABHD1 full-length ORF ( AAH39576, 1 a.a. - 405 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>    | 405 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Description</b>      | This gene is a member of the AB hydrolase superfamily and encodes a protein with an alpha/beta hydrolase fold. This domain is common to a number of hydrolytic enzymes of widely differing phylogenetic origins and catalytic functions. [provided by RefSeq, Jul 2008]                                                                                                                                                                                                            |
| <b>Molecular Mass</b>   | 70.07 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>AA Sequence</b>      | MLSSFLSPQN GTWADTFSL LALAVALYLG YYWACVLQRP RLVAGPQFLA<br>FLEPHCSITT ETFYPTLWCF EGRLQSIFQV LLQSQPLVLY QSDILQTPDG<br>GQLLLDWAKQ PDSSQDPDPT TQPIVLLLPG ITGSSQETYV LHLVNQALRD<br>GYQAVVFNNR GCRGEELRTH RAFCASNTED LETVNVHIKH RYPQAPLLAV<br>GISFGGILVL NHLAQARQAA GLVAALTLSA CWDSFETTRS LETPLNSLLF<br>NQPLTAGLCQ LVERNRKVIE KVVDFDFVLQ ARTIRQFDER YTSVAFGYQD<br>CVTTYKAASP RTKIDAIRIP VLYLSAADDP FSPVCALPIQ AAQHSPYVAL<br>LITARGGHIG FLEGLLPWQH WYMSRLLHQY AKAIFQDPEG LPDLRALLPS EDNRNS |

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|-------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array             |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                      |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                      |
| <b>GENE INFORMATION</b> |                                                                                                                               |
| <b>Gene Name</b>        | ABHD1 abhydrolase domain containing 1 [ Homo sapiens ]                                                                        |
| <b>Official Symbol</b>  | ABHD1                                                                                                                         |
| <b>Synonyms</b>         | ABHD1; abhydrolase domain containing 1; abhydrolase domain-containing protein 1; FLJ36128; LABH1; lung alpha/beta hydrolase 1 |
| <b>Gene ID</b>          | 84696                                                                                                                         |
| <b>mRNA Refseq</b>      | NM_032604                                                                                                                     |
| <b>Protein Refseq</b>   | NP_115993                                                                                                                     |
| <b>MIM</b>              | 612195                                                                                                                        |
| <b>UniProt ID</b>       | Q96SE0                                                                                                                        |

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