# Abhydrolase Domain-Containing Protein FAM108B1 (FAM108B1) Human Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Abhydrolase domain-containing protein FAM108B1 (FAM108B1), Recombinant Protein |
| **Full Product Name** | Recombinant Human Abhydrolase domain-containing protein FAM108B1 (FAM108B1) |
| **Product Gene Name** | FAM108B1 recombinant protein |
| **Product Synonym Gene Name** | FAM108B1 |
| **Sequence** | KIASKLAFLP PDPTYTLMCD ESGSRWTLHL SERADWQYSS REKDAIECFM TRTSKGNRIA CMFVRCSPNA KYTLLFSHGN AVDLGQMSSF YIGLGSRINC NIFSYDYSGY GASSGKPTEK NLYADIEAAW LALRTRYGIR PENVIIYGQS IGTVPSVDLA ARYESAAVIL HSPLTSGMRV AFPDTKKTYC FDAFPNIDKI SKITSPVLII HGTEDEVIDF SHGLALFERC QRPVEPLWVE GAGHNDVELY GQYLERLKQF VSQELVNL |
| **Host** | E Coli or Yeast or Baculovirus or Mammalian Cell |
| **Form/Format** | Lyophilized or liquid (Format to be determined during the manufacturing process) |
| **Purity/Purification** | Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific) |
| **Preparation and Storage** | Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended. |
| **Molecular Weight** | 32,823 Da |
| **Sequence Positions** | 21-288, Full length protein |
| **Tag Information** | This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information. |
| **Sterility** | Sterile filter available upon request. |
| **Endotoxin** | Low endotoxin available upon request. |
| **3D Structure** | ModBase 3D Structure for Q5VST6 |
| **Species** | Human |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for FAM108B1 recombinant protein** | MBS1373209 is a recombinant protein targeting FAM108B1. Also known as Recombinant Human Abhydrolase domain-containing protein FAM108B1 (FAM108B1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of FAM108B1 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FAM108B1. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 71051602 |
| **NCBI GeneID** | 51104 |
| **NCBI Accession #** | NP_001020951.1 |
| **UniProt Primary Accession #** | Q5VST6 |

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| **UniProt Secondary Accession #** | Q5VST7; Q86YB6; Q8IY03; Q9Y377; A8KAJ5 |
| **UniProt Related Accession #** | Q5VST6 |
| **GenBank Nucleotide #** | NM_001025780.2 |
| **NCBI Official Full Name** | alpha/beta hydrolase domain-containing protein 17B isoform 2 |
| **NCBI Official Synonym Full Names** | abhydrolase domain containing 17B |
| **NCBI Official Symbol** | ABHD17B |
| **NCBI Official Synonym Symbols** | CGI-67; C9orf77; FAM108B1 |
| **UniProt Protein Name** | Alpha/beta hydrolase domain-containing protein 17B |
| **UniProt Gene Name** | ABHD17B |
| **UniProt Synonym Gene Names** | Abhydrolase domain-containing protein 17B |
| **NCBI Protein Information** | alpha/beta hydrolase domain-containing protein 17B; protein ABHD17B |
| **UniProt Comments for FAM108B1** | Hydrolyzes fatty acids from S-acylated cysteine residues in proteins (PubMed:26701913). Has depalmitoylating activity towards DLG4/PSD95 (PubMed:26701913). Has depalmitoylating activity towards GAP43 (). Has depalmitoylating activity towards MAP6 (). Has depalmitoylating activity towards NRAS (PubMed:26701913). |
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