# PTB Domain-Containing Engulfment Adapter Protein 1 (gulp1) Danio Rerio Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | PTB domain-containing engulfment adapter protein 1 (gulp1), Recombinant Protein |
| **Full Product Name** | Recombinant Danio rerio PTB domain-containing engulfment adapter protein 1 (gulp1) |
| **Product Gene Name** | gulp1 recombinant protein |
| **Product Synonym Gene Name** | gulp1 |
| **Sequence** | MNRAFNRKKD KSWMHTPEAL AKHFIPYNAK FLGNTEVDQP KGTEVVKDAV RKLKFQRHIK KSEGQKLPKV ELQISIYGVK ILDPKSKEVQ YNCQLHRISF CADDKTDKRI FTFICKDSES NKHLCYVFDS EKCAEEITLT IGQAFDLAYK KFLESGGKDV ETRKQIGGLQ KRIQDLETEN VELKKQLQVL EEQLMIAQVP PGNSMSSKSP TDIFDMVPFS PMTPLVPLPA SNGSAPPPPA RPTEIRRDLF GAEPFDPFTC GAADFPPDIQ SKLDEMQEGF KMGLTVEGTV FSLDPLEGRC |
| **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** | 41,804 Da |
| **Sequence Positions** | 1-300, 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 Q32PV0 |
| **Species** | Zebrafish |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for gulp1 recombinant protein** | MBS1355682 is a recombinant protein targeting gulp1. Also known as Recombinant Danio rerio PTB domain-containing engulfment adapter protein 1 (gulp1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of gulp1 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 gulp1. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 55742422 |
| **NCBI GeneID** | 368404 |
| **NCBI Accession #** | NP_001007183.1 |
| **UniProt Primary Accession #** | Q32PV0 |

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| **UniProt Secondary Accession #** | A2AI65; B0S741; B0S742 |
| **UniProt Related Accession #** | Q32PV0 |
| **GenBank Nucleotide #** | NM_001007182.3 |
| **NCBI Official Full Name** | PTB domain-containing engulfment adapter protein 1 |
| **NCBI Official Synonym Full Names** | GULP, engulfment adaptor PTB domain containing 1a |
| **NCBI Official Symbol** | gulp1a |
| **NCBI Official Synonym Symbols** | CED-6; gulp1; wu:fj61e02; si:by35d8.1; si:xx-35d8.1; si:ch211-198b21.4 |
| **UniProt Protein Name** | PTB domain-containing engulfment adapter protein 1 |
| **UniProt Synonym Protein Names** | Cell death protein 6 homolog; PTB domain adapter protein CED-6 |
| **Protein Family** | PTB domain-containing engulfment adapter protein |
| **UniProt Gene Name** | gulp1 |
| **UniProt Synonym Gene Names** | ced6 |
| **NCBI Protein Information** | PTB domain-containing engulfment adapter protein 1 |
| **UniProt Comments for gulp1** | May function as an adapter protein. Required for efficient phagocytosis of apoptotic cells. May play a role in the internalization and endosomal trafficking of various lrp1 ligands (). |
| **Precautions** | All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines. |
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