# Protein ORF3 (ORF3) Hepatitis E Virus Genotype 1 Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Protein ORF3 (ORF3), Recombinant Protein |
| **Full Product Name** | Recombinant Hepatitis E virus genotype 1 Protein ORF3 (ORF3) |
| **Product Gene Name** | ORF3 recombinant protein |
| **Sequence** | MGSRPCALGL FCCCSSCFCL CCPRHRPVSR LAAVVGGAAA VPAVVSGVTG LILSPSQSPI FIQPTPSPPM SPLRPGLDLV FANPPDHSAP LGVTRPSAPP LPHVVDLPQL GPRR |
| **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** | 11,712 Da |
| **Sequence Positions** | 1-114, 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 P69616 |
| **Species** | Hepatitis E virus genotype 1 (isolate Human/Burma) (HEV-1) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for ORF3 recombinant protein** | MBS1221162 is a recombinant protein targeting ORF3. Also known as Recombinant Hepatitis E virus genotype 1 Protein ORF3 (ORF3). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of ORF3 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 ORF3. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 189047095 |
| **NCBI Accession #** | P69616.2 |
| **UniProt Primary Accession #** | P69616 |
| **UniProt Secondary Accession #** | P29325 |
| **NCBI Official Full Name** | Protein ORF3 |
| **UniProt Protein Name** | Protein ORF3 |
| **Protein Family** | Double gene block protein |

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| **UniProt Gene Name** | ORF3 |
| **UniProt Synonym Gene Names** | pORF3 |
| **UniProt Comments for ORF3** | May act as a viral regulatory protein involved in the modulation of mitogenic signaling pathways. May be involved in virion morphogenesis and viral pathogenesis. Expedites the processing and secretion of AMBP from the hepatocyte (). |
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Online datasheet: https://www.mybiosource.com/recombinant-protein/protein-orf3-orf3/1221162