# UPF0301 Protein IL2218 (IL2218) Idiomarina Loihiensis Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | UPF0301 protein IL2218 (IL2218), Recombinant Protein |
| **Full Product Name** | Recombinant Idiomarina loihiensis UPF0301 protein IL2218 (IL2218) |
| **Product Gene Name** | IL2218 recombinant protein |
| **Product Synonym Gene Name** | IL2218 |
| **Sequence** | MNSLQNHLLI ATPMLNDPMF KRTVTYICEH NEEGAMGLVI NQPADLSVTS LLDKLEIVYP ENNQHLQGSV YQGGPVGRER GFVIHPPQDN WRASQKMSDD IMVTTSRDIL EALGSSAAPP QFLLTLGYAG WEAGQLEEEL GENSWLAIPA DPELLFNTPP SERWQKATEQ LGFDVWQLGP DVGHA |
| **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** | 20,523 Da |
| **Sequence Positions** | 1-185, 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 Q5QVM4 |
| **Species** | Idiomarina loihiensis (strain BAA-735 / DSM 15497 / L2-TR) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for IL2218 recombinant protein** | MBS1330424 is a recombinant protein targeting IL2218. Also known as Recombinant Idiomarina loihiensis UPF0301 protein IL2218 (IL2218). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of IL2218 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 IL2218. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 499554662 |
| **NCBI Accession #** | WP_011235445.1 |
| **UniProt Primary Accession #** | Q5QVM4 |
| **GenBank Nucleotide #** | WP_011235445.1 |
| **NCBI Official Full Name** | YqgE/AlgH family protein |
| **UniProt Protein Name** | UPF0301 protein IL2218 |

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| **Protein Family** | UPF0301 protein |
| **UniProt Gene Name** | IL2218 |
| **UniProt Comments for IL2218** | Enzyme and pathway databasesBioCyc Collection of Pathway/Genome DatabasesMore...BioCyciLOI283942:G1G13-2287-MONOMER. |
| **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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| **Product Note** | Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details. |

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