# Eukaryotic Translation Initiation Factor 3 Subunit K (Ateg_01551) (ATEG_01551) Aspergillus Terreus Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Eukaryotic translation initiation factor 3 subunit K (ATEG_01551), Recombinant Protein |
| **Full Product Name** | Recombinant Aspergillus terreus Eukaryotic translation initiation factor 3 subunit K (ATEG_01551) |
| **Product Gene Name** | ATEG_01551 recombinant protein |
| **Product Synonym Gene Name** | ATEG_01551 |
| **Sequence** | MGVAFDKCET RPANIDAILN GLDRYNPETT TVFQDYVVQQ CEDRTFDCYA NLALLKLYQF NPHLLQPETV TNILAKALTV FPSPAFSLCL ALLPAHTQPF PATNDEAQAA SQTSDFVESV QKLARLSTLL ESAQYAQFWS TLNSDDLYAD LVADVAGFEE LVRIRIAVEV GKTFREITAD VLEQWLDLRS REALEKFVVE VCSWELDKSA PAGTVVKVPT NKENEARSEV KSERVGIEQF GRVLRRGFEQ AA |
| **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** | 28,201 Da |
| **Sequence Positions** | 1-252, 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 Q0CXN3 |
| **Species** | Aspergillus terreus (strain NIH 2624 / FGSC A1156) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for ATEG_01551 recombinant protein** | MBS1376175 is a recombinant protein targeting ATEG_01551. Also known as Recombinant Aspergillus terreus Eukaryotic translation initiation factor 3 subunit K (ATEG_01551). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of ATEG_01551 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 ATEG_01551. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 115384738 |
| **NCBI GeneID** | 4316350 |
| **NCBI Accession #** | XP_001208916.1 |

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| **UniProt Primary Accession #** | Q0CXN3 |
| **UniProt Related Accession #** | Q0CXN3 |
| **GenBank Nucleotide #** | XM_001208916.1 |
| **NCBI Official Full Name** | conserved hypothetical protein |
| **NCBI Official Symbol** | ATEG_01551 |
| **UniProt Protein Name** | Eukaryotic translation initiation factor 3 subunit K |
| **UniProt Synonym Protein Names** | eIF-3 p25 |
| **UniProt Gene Name** | ATEG_01551 |
| **UniProt Synonym Gene Names** | eIF3k |
| **NCBI Protein Information** | hypothetical protein |
| **UniProt Comments for ATEG_01551** | Component of the eukaryotic translation initiation factor 3 (eIF-3) complex, which is involved in protein synthesis of a specialized repertoire of mRNAs and, together with other initiation factors, stimulates binding of mRNA and methionyl-tRNAi to the 40S ribosome. The eIF-3 complex specifically targets and initiates translation of a subset of mRNAs involved in cell proliferation. |
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