Eukaryotic Translation Initiation Factor 3 Subunit M (AAEL004347) Aedes Aegypti Recombinant Protein

PRODUCT OVERVIEW

Product Name	Eukaryotic translation initiation factor 3 subunit M (AAEL004347), Recombinant Protein
Full Product Name	Recombinant Aedes aegypti Eukaryotic translation initiation factor 3 subunit M (AAEL004347)
Product Gene Name	AAEL004347 recombinant protein
Product Synonym Gene Name	AAEL004347
Sequence	MQGPAVFIDA EIDDQAQELR KFFKSLGAEI SEEKSSKGIE DDLHKIIGVC DVCFKDGTQH TLEEIDAVLN SVVSIIVSIP LERGENLILA FCEKMTRAPD SNLARVCLQS LWRLFSNLEP TSPLRYHVYY HLVQVAKRAD QVKEVFSGVD QLKSQFSQCP PSNEQMQKLY RLLHDVLKDT NSELASKVMI ELLGTYTAEN ASYAREDAMK CIVTALADPN TFLLDPLLSL KPVRFLEGEL IHDLLSVFVS EKLPSYLQFY KNHKEFVNSQ GLNHEQNIKK MRLLSFMQLA ESNPEMTFQQ LQDELQIGEN EVEPFIIEVL KTKLVRARMD QKARKVHISS TMHRTFGRPQ WQQLRDLLHA WKANLTLVQE NMKSVSEAQI ELAHKQ
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	44,231 Da
Sequence Positions	1-386, 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 Q17D30
Species	Aedes aegypti (Yellowfever mosquito) (Culex aegypti)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for AAEL004347 recombinant protein	MBS1282281 is a recombinant protein targeting AAEL004347. Also known as Recombinant Aedes aegypti Eukaryotic translation initiation factor 3 subunit M (AAEL004347). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of AAEL004347 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 AAEL004347. It may not necessarily be applicable to this product.

NCBI GI #	157105605
NCBI GeneID	5564581

NCBI Accession #	XP_001648944.1
UniProt Primary Accession #	Q17D30
UniProt Related Accession #	Q17D30
GenBank Nucleotide #	XM_001648894.2
NCBI Official Full Name	eukaryotic translation initiation factor 3 subunit M
NCBI Official Symbol	LOC5564581
NCBI Official Synonym Symbols	eIF3m; AAEL004347
UniProt Protein Name	Eukaryotic translation initiation factor 3 subunit M
UniProt Gene Name	AAEL004347
UniProt Synonym Gene Names	eIF3m
NCBI Protein Information	eukaryotic translation initiation factor 3 subunit M
UniProt Comments for AAEL004347	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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