40s Ribosomal Protein S3 (rps3) Ictalurus Punctatus Recombinant Protein

PRODUCT OVERVIEW

Product Name	40S ribosomal protein S3 (rps3), Recombinant Protein
Full Product Name	Recombinant Ictalurus punctatus 40S ribosomal protein S3 (rps3)
Product Gene Name	rps3 recombinant protein
Product Synonym Gene Name	rps3
Sequence	MAVQISKKRK FVSDGIFKAE LNEFLTRELA EDGYSGVEVR VTPTRTEIII LATRTQNVLG EKGRRIRELT AVVQKRFGFP RGSVELYAEK VATRGLCAIA QAESLRYKLL GGLAVRRACY GVLRFIMESG AKGCEVVVSG KLRGQRAKSM KFVDGLMIHS GDPVNYYVDT AVRHVLLRQG VLGIKVKIML PWDPSGKIGP KKPLPDHVSI VEPKEEILPT TPVSEQKGAK PEVPVMPQGA PVPTA
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	26,890 Da
Sequence Positions	1-245, 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 Q90YS2
Species	Ictalurus punctatus (Channel catfish)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rps3 recombinant protein	MBS1312557 is a recombinant protein targeting rps3. Also known as Recombinant Ictalurus punctatus 40S ribosomal protein S3 (rps3). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rps3 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 rps3. It may not necessarily be applicable to this product.

NCBI GI #	319004942
NCBI GeneID	100304557
NCBI Accession #	NP_001187068.1
UniProt Primary Accession #	Q90YS2
UniProt Related Accession #	Q90YS2

GenBank Nucleotide #	NM_001200139.1
NCBI Official Full Name	40S ribosomal protein S3
NCBI Official Symbol	rps3
NCBI Official Synonym Symbols	RS3
UniProt Protein Name	40S ribosomal protein S3
Protein Family	40S ribosomal protein
UniProt Gene Name	rps3
NCBI Protein Information	40S ribosomal protein S3
UniProt Comments for rps3	Involved in translation as a component of the 40S small ribosomal subunit. Has endonuclease activity and plays a role in repair of damaged DNA. Also involved in other processes including regulation of transcription, translation of its cognate mRNA, spindle formation and chromosome movement during mitosis, and apoptosis.
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