30s Ribosomal Protein S2, Chloroplastic (rps2) Solanum Tuberosum Recombinant Protein

PRODUCT OVERVIEW

Product Name	30S ribosomal protein S2, chloroplastic (rps2), Recombinant Protein
Full Product Name	Recombinant Solanum tuberosum 30S ribosomal protein S2, chloroplastic (rps2)
Product Gene Name	rps2 recombinant protein
Product Synonym Gene Name	rps2
Sequence	MTRRYWNINL EEMMEAGVHF GHGTRKWNPK MAPYISAKRK GIHITNLTRT ARFLSEACDL VFDAASRGKQ FLIVGTKNKA ADSVEWAAIR ARCHYVNKKW LGGMLTNWST TETRLHKFRD LRMEQKTGRL NRLPKRDAAM LKRQLSRLQT YLGGIKYMTG VPDIVIIVDQ HEEYTALREC ITLGIPTICL TDTNCDPDLA DISIPANDDA ISSIRLILNK LVFAICEGRS SYIRNP
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	26,943 Da
Sequence Positions	1-236, 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 Q2VEI7
Species	Solanum tuberosum (Potato)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rps2 recombinant protein	MBS1410703 is a recombinant protein targeting rps2. Also known as Recombinant Solanum tuberosum 30S ribosomal protein S2, chloroplastic (rps2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rps2 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 rps2. It may not necessarily be applicable to this product.

NCBI GI #	108773119
NCBI GeneID	4099858
NCBI Accession #	YP_635628.1
UniProt Primary Accession #	Q2VEI7
UniProt Related Accession #	Q2VEI7

GenBank Nucleotide #	NC_008096.2
NCBI Official Full Name	ribosomal protein S2 (chloroplast)
NCBI Official Symbol	rps2
UniProt Protein Name	30S ribosomal protein S2, chloroplastic
Protein Family	30S ribosomal protein
UniProt Gene Name	rps2
NCBI Protein Information	30S ribosomal protein S2
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