30s Ribosomal Protein S7, Chloroplastic (rps7) Hydrangea Macrophylla Recombinant Protein

PRODUCT OVERVIEW

Product Name	30S ribosomal protein S7, chloroplastic (rps7), Recombinant Protein
Full Product Name	Recombinant Hydrangea macrophylla 30S ribosomal protein S7, chloroplastic (rps7)
Product Gene Name	rps7 recombinant protein
Product Synonym Gene Name	rps7
Sequence	MSRRGTAEEK TAKSDPIYRN RLVNMLVNRI LKHGKKSLAY QIIYRAVKKI QQKTETNPLS VLRQAIRGVT PDIAVKARRV GGSTHQVPIE IGSTQGKALA IRWLLAASRK RPGRNMAFKL SSELMDAAKG SGDAIRKKEE THRMAEANRA FAHFR
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	17,389 Da
Sequence Positions	1-155, 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 Q6EM87
Species	Hydrangea macrophylla (Bigleaf hydrangea)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rps7 recombinant protein	MBS1323936 is a recombinant protein targeting rps7. Also known as Recombinant Hydrangea macrophylla 30S ribosomal protein S7, chloroplastic (rps7). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rps7 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 rps7. It may not necessarily be applicable to this product.

NCBI GI #	62287245
NCBI Accession #	Q6EM87.1
UniProt Primary Accession #	Q6EM87
NCBI Official Full Name	30S ribosomal protein S7, chloroplastic
UniProt Protein Name	30S ribosomal protein S7, chloroplastic

Protein Family	30S ribosomal protein
UniProt Gene Name	rps7
UniProt Comments for rps7	One of the primary rRNA binding proteins, it binds directly to 16S rRNA where it nucleates assembly of the head domain of the 30S subunit.
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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