(R)-3-Hydroxydecanoyl-Acp:coa Transacylase (phaG) Pseudomonas Oleovorans Recombinant Protein

PRODUCT OVERVIEW

Product Name	(R)-3-hydroxydecanoyl-ACP:CoA transacylase (phaG), Recombinant Protein
Full Product Name	Recombinant Pseudomonas oleovorans (R)-3-hydroxydecanoyl-ACP:CoA transacylase (phaG)
Product Gene Name	phaG recombinant protein
Product Synonym Gene Name	phaG
Sequence	MRPEIAVLDI QGQYRVYTGF YRADAAENTI ILINGSLATT ASFAQTVRNL HPQFNVVLFD QPYAGKSKPH NRQERFISKE TEAHILLELI EHFQADHVMS FSWGGASTLL ALAHQPRGVK KAVVSSFSPV INEPMRDYLD RGCQYLAACD RYQVGNLVND TIGKHLPSLF KRFNYRHVSS LDSHEYAQMH FHINEVLQHD LERALDGARN IDIPVLFING DRDEYTTVED ARQFSKHVGR SHFSVIRDAG HFLDMENKTA CEDTRSVMLG FLKPTMREPR HRYQPVKQGQ HALAI
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	33,718 Da
Sequence Positions	1-295, 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 Q9KJH8
Species	Pseudomonas oleovorans
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for phaG recombinant protein	MBS1322077 is a recombinant protein targeting phaG. Also known as Recombinant Pseudomonas oleovorans (R)-3-hydroxydecanoyl-ACP:CoA transacylase (phaG). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of phaG 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 phaG. It may not necessarily be applicable to this product.

NCBI GI #	14916631
NCBI Accession #	Q9KJH8.1
UniProt Primary Accession #	Q9KJH8
NCBI Official Full Name	(R)-3-hydroxydecanoyl-ACP:CoA transacylase

UniProt Protein Name	(R)-3-hydroxydecanoyl-ACP:CoA transacylase
UniProt Synonym Protein Names	3-hydroxyacyl-CoA-acyl carrier protein transferase
Protein Family	(R)-3-hydroxydecanoyl-ACP:CoA transacylase
UniProt Gene Name	phaG
UniProt Comments for phaG	Catalyzes the transfer of the acyl moiety from in vitro synthesized 3-hydroxydecanoyl-CoA to acyl carrier protein.
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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