Adenosylhomocysteinase (ahcY) Nocardia Farcinica Recombinant Protein

PRODUCT OVERVIEW

Product Name	Adenosylhomocysteinase (ahcY), Recombinant Protein
Full Product Name	Recombinant Nocardia farcinica Adenosylhomocysteinase (ahcY)
Product Gene Name	ahcY recombinant protein
Product Synonym Gene Name	ahcY
Sequence	MTTSELPART SPTPDVRNGI DYKVADLTLA EFGRKEIRLA EHEMPGLMAL RREYADVQPL KGARISGSLH MTVQTAVLIE TLTALGAQVR WASCNIFSTQ DHAAAAVVVG PHGTVEEPKG VSVFAWKGET LEEYWWAAEQ MLTWPGEPAN MILDDGGDAT MLVLRGAQFE KAGVVPPEDA DHSAEYKVFL NLLRERFETD RGKWTAIAES VRGVTEETTT GVLRLYQFAA AGELVFPAIN VNDSVTKSKF DNKYGTRHSL IDGINRGTDV LIGGKKVLIC GYGDVGKGCA ESLAGQGARV QVTEIDPINA LQALMDGYDV VTVEQAIGEA DIVITATGNK DIITLDHMKA MKDQAILGNI GHFDNEIDMA ALERSGATRL TIKPQVDLWT FGESGKSIIV LSEGRLLNLG NATGHPSFVM SNSFSNQVIA QIELWTKPEE YDNEVYRLPK HLDEKVARIH VEALGGTLTK LTKDQAEYIG VDVEGPYKPE HYRY
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	54,044 Da
Sequence Positions	1-494, 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 Q5YQS7
Species	Nocardia farcinica (strain IFM 10152)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ahcY recombinant protein	MBS1332842 is a recombinant protein targeting ahcY. Also known as Recombinant Nocardia farcinica Adenosylhomocysteinase (ahcY). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ahcY 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 ahcY. It may not necessarily be applicable to this product.

NCBI GI #	499524508
NCBI Accession #	WP_011211148.1
UniProt Primary Accession #	Q5YQS7
GenBank Nucleotide #	WP_011211148.1

NCBI Official Full Name	MULTISPECIES: adenosylhomocysteinase
UniProt Protein Name	Adenosylhomocysteinase
UniProt Synonym Protein Names	S-adenosyl-L-homocysteine hydrolase
Protein Family	Adenosylhomocysteinase
UniProt Gene Name	ahcY
UniProt Synonym Gene Names	AdoHcyase
UniProt Comments for ahcY	May play a key role in the regulation of the intracellular concentration of adenosylhomocysteine.
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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