Adenosylhomocysteinase (ahcY) Mesorhizobium Sp. Recombinant Protein

PRODUCT OVERVIEW

Product Name	Adenosylhomocysteinase (ahcY), Recombinant Protein
Full Product Name	Recombinant Mesorhizobium sp. Adenosylhomocysteinase (ahcY)
Product Gene Name	ahcY recombinant protein
Product Synonym Gene Name	ahcY
Sequence	MAADDYVVAD MSLAAWGRKE IEIAETEMPG LMACREEFGE AKPLKGARIT GSLHMTIQTA VLIETLKSLG AEVRWASCNI FSTQDHAAAA IAETGTPVFA VKGETLEEYW TYTDRIFQWP DGQPSNMILD DGGDATMYIL LGARAEAGED VLSNPDGEEE EILFQQIKKR MAETPGFFTR QRAAIRGVTE ETTTGVNRLY QLQKKGLLPF PAINVNDSVT KSKFDNKYGC KESLVDGIRR ATDVMMAGKV AIVCGYGDVG KGSAQSLAGA GARVKVTEAD PICALQAAMD GFEVVTLDEA IATADIIITA TGNKDVVSLD HMRKMKDMVI LGNIGHFDNE IQVAALRNFK WVNIKPQVDL IEFPDGKRII LLSEGRLLNL GNATGHPSFV MSASFTNQVL AQIELWTRGS QYENKVYVLP KHLDEKVARL HLAKLGANLT KLSPEQAAYI GVTPEGPFKP DHYRY
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	50,894 Da
Sequence Positions	1-465, 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 Q11CD0
Species	Mesorhizobium sp. (strain BNC1)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ahcY recombinant protein	MBS1329845 is a recombinant protein targeting ahcY. Also known as Recombinant Mesorhizobium sp. 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 #	499902152
NCBI Accession #	WP_011582886.1
UniProt Primary Accession #	Q11CD0
GenBank Nucleotide #	WP_011582886.1

NCBI Official Full Name	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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