Adenosylhomocysteinase (ahcY) Ralstonia Solanacearum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Adenosylhomocysteinase (ahcY), Recombinant Protein
Full Product Name	Recombinant Ralstonia solanacearum Adenosylhomocysteinase (ahcY)
Product Gene Name	ahcY recombinant protein
Product Synonym Gene Name	ahcY
Sequence	MNAVTDLKHD YLVADIKLAD WGRKEIAIAE TEMPGLMAIR DEFAASQPLK GARIAGSLHM TIQTAVLIET LKALGADVRW ASCNIFSTQD HAAAAIAASG TPVFAFKGES LKEYWDFTHR IFEWADGGTP NMILDDGGDA TLLLHLGAKA EQDASVIAKP GSEEETFLFA AIKEKLAKDA TFYSRNLDAI KGVTEETTTG VHRLYQMAQR GELRFPAINV NDSVTKSKFD NLYGCRESLV DGIKRATDVM IAGKVAVVAG YGDVGKGSAQ ALRALSAQVW VTEIDPICAL QAAMEGYRVV TMDYAAEHGD IFVTCTGNYH VITHDHMAKM KDQAIVCNIG HFDNEIDIAS VEQYQWEEIK PQVDHVIFPD GKKIIILAKG RLVNLGCATG HPSYVMSSSF ANQTIAQIEL WTEAQKGSSK YPVGVYTLPK HLDEKVARLQ LKKLNAQLTV LTDKQAAYIG VSKEGPYKAD 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	51,949 Da
Sequence Positions	1-474, 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 Q8Y387
Species	Ralstonia solanacearum (strain GMI1000) (Pseudomonas solanacearum)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ahcY recombinant protein	MBS1416164 is a recombinant protein targeting ahcY. Also known as Recombinant Ralstonia solanacearum 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 #	499309285
NCBI Accession #	WP_011000060.1
UniProt Primary Accession #	Q8Y387
GenBank Nucleotide #	WP_011000060.1

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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