P-Hydroxybenzoic Acid Efflux Pump Subunit Aaeb (aaeB) Citrobacter Koseri Recombinant Protein

PRODUCT OVERVIEW

Product Name	p-hydroxybenzoic acid efflux pump subunit AaeB (aaeB), Recombinant Protein
Full Product Name	Recombinant Citrobacter koseri p-hydroxybenzoic acid efflux pump subunit AaeB (aaeB), partial
Product Gene Name	aaeB recombinant protein
Sequence	MGIFSIANQH IRFAVKLACA IVLALFVGFH FQLETPRWAV LTAAIVAAGP AFAAGGEPYS GAIRYRGMLR IIGTFIGCIA ALTIIITMIR APLLMILVCC IWAGFCTWIS SLVRVENSYA WGLSGYTALI IVITIQAEPL LTPQFAVERC SEIVIGIVCA IMADLLFSPR SVKQEVDREV DGLLVAQYQL MQLCIKHGDS EEVDKAWGDL VRRTAALEGM RSNLNMESSR WGRANRRLKA LNTLSLTLIT QSCETYLIQN THPELITDTF RELFETPVET AQDVHKQLKR MRRIIAWTGE RETPVTLYTW AGAATRYLLL KRGVIGNAKI SVTEEEVLQG EPVVKVESAE RHHAMVNFWR TTLSCVLGTL FWLWTGWTSG SGAMVMIAVV TSLAMRLPNP RMVAIDFIYG TLAALPLGLL YFLVIIPNTQ QSMLLLCLSL AVLGFFLGIE VQKRRLGSMG ALASTINIIV LDNPMTFHFS QFLDSALGQI VGCMMAFIVI LLVRDNSRDR TGRVLLNQFV SAAVSAMTTN VVRRKENHLP ALYQQLFLLM NKFPGDLPKF RLALTMIIAH QRLRDAPIPV NHDLSAFHRQ LRRTADHVIS AGNDDKRRRY FGQLLDELDV YQEKLRVWEA PPRVTEPVKR LSGMLHKYQH ALTDN
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	73,397 Da
Sequence Positions	1-655
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 A8AQD4
Species	Citrobacter koseri (strain BAA-895 / CDC 4225-83 / SGSC4696)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for aaeB recombinant protein	MBS1167884 is a recombinant protein targeting aaeB. Also known as Recombinant Citrobacter koseri p-hydroxybenzoic acid efflux pump subunit AaeB (aaeB), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of aaeB 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 aaeB. It may not necessarily be applicable to this product.

NCBI GI #	501084887

NCBI Accession #	WP_012135374.1
UniProt Primary Accession #	A8AQD4
GenBank Nucleotide #	WP_012135374.1
NCBI Official Full Name	MULTISPECIES: p-hydroxybenzoic acid efflux pump subunit AaeB
UniProt Protein Name	p-hydroxybenzoic acid efflux pump subunit AaeB
Protein Family	p-hydroxybenzoic acid efflux pump
UniProt Gene Name	aaeB
UniProt Synonym Gene Names	pHBA efflux pump protein B
UniProt Comments for aaeB	Forms an efflux pump with AaeA. Could function as a metabolic relief valve, allowing to eliminate certain compounds when they accumulate to high levels in the cell.
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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