Aspartate Aminotransferase (aatA) Rickettsia Bellii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Aspartate aminotransferase (aatA), Recombinant Protein
Full Product Name	Recombinant Rickettsia bellii Aspartate aminotransferase (aatA)
Product Gene Name	aatA recombinant protein
Product Synonym Gene Name	aatA
Sequence	MSIISTQLNA IKPSPTLAVV RKTLELKRAG IDIIALGAGE PDFDTPDNIK EAAIKAIKDG FTKYTNVEGI PALKEAIQAK FKRENNIDYD LEEIIVSTGG KQVIYNLFMA SLNKGDEVII PAPYWVSYPD MVLLAEGTPV FANCGIESNF KLSGEALEQL ITPKTKWLII NSPSNPTGAS YSHSELKNIA EVLRKHPYVN VMSDDIYEHI TFDGFKFYTL AEIAPDLKDR IFTVNGVSKA YSMTGWRIGY GAGSKALIKA MTIIQSQSTS NPCSISQVAA VEALNGVQGY IAQNALNFEK KRDLALSILQ RVKYFECYKP EGAFYLFIKC DKIFGAKTKS GKVINNSNDF GEYLLEEAKV AVVPGIAFGL EGYFRISYAT SMEELEEACL RMERACGSL
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	43,981 Da
Sequence Positions	1-399, 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 Q1RGV0
Species	Rickettsia bellii (strain RML369-C)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for aatA recombinant protein	MBS1440644 is a recombinant protein targeting aatA. Also known as Recombinant Rickettsia bellii Aspartate aminotransferase (aatA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of aatA 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 aatA. It may not necessarily be applicable to this product.

NCBI GI #	499797249
NCBI Accession #	WP_011477983.1
UniProt Primary Accession #	Q1RGV0
GenBank Nucleotide #	WP_011477983.1

NCBI Official Full Name	aspartate aminotransferase
UniProt Protein Name	Aspartate aminotransferase
UniProt Synonym Protein Names	Transaminase A
Protein Family	Aspartate aminotransferase
UniProt Gene Name	aatA
UniProt Synonym Gene Names	AspAT
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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