Leucyl/Phenylalanyl-Trna--Protein Transferase (aat) Nitrobacter Hamburgensis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Leucyl/phenylalanyl-tRNA--protein transferase (aat), Recombinant Protein
Full Product Name	Recombinant Nitrobacter hamburgensis Leucyl/phenylalanyl-tRNA--protein transferase (aat)
Product Gene Name	aat recombinant protein
Product Synonym Gene Name	aat
Sequence	MMSRETASSE ITPELLLRAY ACGIFPMAES VDDPTLFWVE PKLRGVIPLE SFRISSRLAR TVRSDSFAVT VDTAFNAVID GCAAPQPGRD NTWINRRIRE LYIALHELGH CHSVEVWQGD ELVGGLYGVR LGRAFFGESM FHIARDASKV ALVHLVARLI AGGFVLLDTQ FVTDHLRGFG AIEIPRRRYR ALLDAALEGR ADFAALPLDQ PVPGTDALKI IADRA
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	24,845 Da
Sequence Positions	1-225, 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 Q1QLB2
Species	Nitrobacter hamburgensis (strain X14 / DSM 10229)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for aat recombinant protein	MBS1384700 is a recombinant protein targeting aat. Also known as Recombinant Nitrobacter hamburgensis Leucyl/phenylalanyl-tRNA--protein transferase (aat). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of aat 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 aat. It may not necessarily be applicable to this product.

NCBI GI #	499829928
NCBI Accession #	WP_011510662.1
UniProt Primary Accession #	Q1QLB2
GenBank Nucleotide #	WP_011510662.1

NCBI Official Full Name	leucyl/phenylalanyl-tRNA--protein transferase
UniProt Protein Name	Leucyl/phenylalanyl-tRNA--protein transferase
UniProt Synonym Protein Names	L/F-transferase
Protein Family	Leucyl/phenylalanyl-tRNA--protein transferase
UniProt Gene Name	aat
UniProt Comments for aat	Functions in the N-end rule pathway of protein degradation where it conjugates Leu, Phe and, less efficiently, Met from aminoacyl-tRNAs to the N-termini of proteins containing an N-terminal arginine or lysine.
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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