Probable Phosphoserine Aminotransferase (CG11899) Drosophila Melanogaster Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable phosphoserine aminotransferase (CG11899), Recombinant Protein
Full Product Name	Recombinant Drosophila melanogaster Probable phosphoserine aminotransferase (CG11899)
Product Gene Name	CG11899 recombinant protein
Product Synonym Gene Name	CG11899
Sequence	MVINFAAGPA KLPEEVLKEV QENLVNCNGS GISVMEMSHR SSNYAKIHDA TISDLRELLN VPSNYKILLM QGGGTGQFAA VALNLIGKTG TADYVITGSW SAKAAKEAAQ YGTVNAVLPK LAKYTTVPRQ ETWKLDPNAS YVYYCDNETV EGVEFDFVPE VPAGVPLVAD MSSNFLSRPF DVSKFGVIYA GAQKNIGPAG TTVIIVRDDL IGKHLKITPS ILNFEQMDKN NSLLNTPPTF GIYVMGLVFK WIKRNGGVAG MAKLAAAKSK LIYDTINQSN GFYYCPVDVN VRSRMNVPFR IGSASGDDAL EKEFLSKAEA EGMIQLKGHR SVGGIRASLY NAVTLAETQQ LANLMLAFYK NNKN
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	39,540 Da
Sequence Positions	1-364, 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 Q9VAN0
Species	Drosophila melanogaster (Fruit fly)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CG11899 recombinant protein	MBS1335155 is a recombinant protein targeting CG11899. Also known as Recombinant Drosophila melanogaster Probable phosphoserine aminotransferase (CG11899). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of CG11899 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 CG11899. It may not necessarily be applicable to this product.

NCBI GI #	21356589
NCBI GeneID	46391
NCBI Accession #	NP_652046.1

UniProt Primary Accession #	Q9VAN0
UniProt Secondary Accession #	Q3YMT6
UniProt Related Accession #	Q9VAN0
GenBank Nucleotide #	NM_143789.3
NCBI Official Full Name	uncharacterized protein Dmel_CG11899
NCBI Official Symbol	CG11899
NCBI Official Synonym Symbols	39C10S; anon-sts29; DmelCG11899; ESTS:39C10S; Ov8
UniProt Protein Name	Probable phosphoserine aminotransferase
UniProt Synonym Protein Names	Phosphohydroxythreonine aminotransferase
UniProt Gene Name	CG11899
UniProt Synonym Gene Names	PSAT
NCBI Protein Information	CG11899 gene product from transcript CG11899-RA
UniProt Comments for CG11899	Catalyzes the reversible conversion of 3-phosphohydroxypyruvate to phosphoserine and of 3-hydroxy-2-oxo-4-phosphonooxybutanoate to phosphohydroxythreonine.
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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