L-Asparaginase (asrgl1) Xenopus Laevis Recombinant Protein

PRODUCT OVERVIEW

Product Name	L-asparaginase (asrgl1), Recombinant Protein
Full Product Name	Recombinant Xenopus laevis L-asparaginase (asrgl1)
Product Gene Name	asrgl1 recombinant protein
Product Synonym Gene Name	asrgl1
Sequence	MKPVIVVHGG AGKIVEELDA TYRAGVKRAV LKGYDVLSQG GSALTAVEEA VIVLEDEQIF NAGHGSVLNE KGDIEMDAII MDGKNLDSGA VSAIRNIANP IKLARLVMEK TDHMLLTCEG ATLFAKAQGI PEVPNESLVT ERSRKRWMKN LKENSNPVAD QIGLG
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	32,505 Da
Sequence Positions	1-165, 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 Q6GM78
Species	Xenopus laevis (African clawed frog)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for asrgl1 recombinant protein	MBS1356181 is a recombinant protein targeting asrgl1. Also known as Recombinant Xenopus laevis L-asparaginase (asrgl1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of asrgl1 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 asrgl1. It may not necessarily be applicable to this product.

NCBI GI #	147901231
NCBI GeneID	444536
NCBI Accession #	NP_001086107.1
UniProt Primary Accession #	Q6GM78
UniProt Related Accession #	Q6GM78
GenBank Nucleotide #	NM_001092638.1

NCBI Official Full Name	isoaspartyl peptidase/L-asparaginase
NCBI Official Synonym Full Names	asparaginase like 1 L homeolog
NCBI Official Symbol	asrgl1.L
NCBI Official Synonym Symbols	asrgl1
UniProt Protein Name	Isoaspartyl peptidase/L-asparaginase
UniProt Synonym Protein Names	Asparaginase-like protein 1; Beta-aspartyl-peptidase; Isoaspartyl dipeptidase; L-asparagine amidohydrolase
Protein Family	Isoaspartyl peptidase/L-asparaginase
UniProt Gene Name	asrgl1
NCBI Protein Information	isoaspartyl peptidase/L-asparaginase
UniProt Comments for asrgl1	Has both L-asparaginase and beta-aspartyl peptidase activity. Does not have aspartylglucosaminidase activity and is inactive toward GlcNAc-L-Asn. Likewise, has no activity toward glutamine.
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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