N-Acetylmuramoyl-L-Alanine Amidase Sle1 (sle1) Recombinant Protein

PRODUCT OVERVIEW

Product Name	N-acetylmuramoyl-L-alanine amidase sle1 (sle1), Recombinant Protein
Full Product Name	Recombinant Staphylococcus saprophyticus subsp. saprophyticus N-acetylmuramoyl-L-alanine amidase sle1 (sle1)
Product Gene Name	sle1 recombinant protein
Product Synonym Gene Name	sle1
Sequence	ATTYKVKSGD SLWSIANKYN MSVAKLKSLN NLTSNVIFPN QSLKVSGSTS SSTSSNTSTG STYTVKSGDT LSGIAAKYGT TYQKIMSLNG LSNFNIYPGQ KLKVSGAASS SSSNTSGNTS SGSTTTYTVK SGDSLSAIAA KYGTTYQKIM SLNGLTNFNI YPGQKLKVSG KASTGGSGSS STGSAGYKTP VFNHSNLYDW GQCTWHVFNK RAQIGKGIST YWWNANNWDT AAAADGYTID RKATVGSILQ SDMGYYGHVA FVESVNANGS ITISEMNYSA SPGIVTYRTI PASQVSSYVY IH
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	34,491 Da
Sequence Positions	26-327, 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 Q49UX4
Species	Staphylococcus saprophyticus subsp. saprophyticus (strain 15305 / DSM 20229)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for sle1 recombinant protein	MBS1404826 is a recombinant protein targeting sle1. Also known as Recombinant Staphylococcus saprophyticus subsp. saprophyticus N-acetylmuramoyl-L-alanine amidase sle1 (sle1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of sle1 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 sle1. It may not necessarily be applicable to this product.

NCBI GI #	499623158
NCBI Accession #	WP_011303892.1
UniProt Primary Accession #	Q49UX4
GenBank Nucleotide #	WP_011303892.1

NCBI Official Full Name	MULTISPECIES: N-acetylmuramoyl-L-alanine amidase
UniProt Protein Name	N-acetylmuramoyl-L-alanine amidase sle1
Protein Family	Eisosome protein
UniProt Gene Name	sle1
UniProt Synonym Gene Names	aaa
UniProt Comments for sle1	Peptidoglycan hydrolase involved in the splitting of the septum during cell division.
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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