5'-Nucleotidase Sure (surE) Ehrlichia Canis Recombinant Protein

PRODUCT OVERVIEW

Product Name	5'-nucleotidase surE (surE), Recombinant Protein
Full Product Name	Recombinant Ehrlichia canis 5'-nucleotidase surE (surE)
Product Gene Name	surE recombinant protein
Product Synonym Gene Name	surE
Sequence	MKVLLTNDDG FHATGIKVLK EIIIESGIAS EVWIAAPASN CSGYGRSIGV KTATDVYQIG DTEFIVNSTP STSAFLGLRE ITGKKPDLVL SGINSGINVG NDIGYSGTIG AAAEGAMMNI PSIAISQEYD GKHGEINWIN PQKFLKKIIN MLLEVPFWNK STIMNVNFPL VPAKGIKFTS QGEYIPSNKI EKKRNVSGSI SYTVHRIAPD KGNRGYSDDS IKAIDDGYIT ITPLKLDMTD FDALESLIAL YKDCTI
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	27,714 Da
Sequence Positions	1-256, 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 Q3YSH3
Species	Ehrlichia canis (strain Jake)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for surE recombinant protein	MBS1457139 is a recombinant protein targeting surE. Also known as Recombinant Ehrlichia canis 5'-nucleotidase surE (surE). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of surE 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 surE. It may not necessarily be applicable to this product.

NCBI GI #	499623676
NCBI Accession #	WP_011304410.1
UniProt Primary Accession #	Q3YSH3
GenBank Nucleotide #	WP_011304410.1
NCBI Official Full Name	5'-nucleotidase SurE

UniProt Protein Name	5'-nucleotidase SurE
UniProt Synonym Protein Names	Nucleoside 5'-monophosphate phosphohydrolase
Protein Family	5'/3'-nucleotidase
UniProt Gene Name	surE
UniProt Comments for surE	Nucleotidase that shows phosphatase activity on nucleoside 5'-monophosphates.
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