Manganese ABC transporter substrate-binding lipoprotein (psaA) Recombinant Protein | psaAspr1494 recombinant protein

Recombinant Streptococcus pneumoniae Manganese ABC transporter substrate-binding lipoprotein (psaA)

CATALOG #	HOST
AAA114624	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

Manganese ABC transporter substrate-binding lipoprotein (psaA); Recombinant Streptococcus pneumoniae Manganese ABC transporter substrate-binding lipoprotein (psaA); psaAspr1494 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	20-309aa; Full Length of Mature Protein
Sequence	CASGKKDTTS GQKLKVVATN SIIADITKNI AGDKIDLHSI VPIGQDPHEY EPLPEDVKKT SEADLIFYNG INLETGGNAW FTKLVENAKK TENKDYFAVS DGVDVIYLEG QNEKGKEDPH AWLNLENGII FAKNIAKQLS AKDPNNKEFY EKNLKEYTDK LDKLDKESKD KFNKIPAEKK LIVTSEGAFK YFSKAYGVPS AYIWEINTEE EGTPEQIKTL VEKLRQTKVP SLFVESSVDD RPMKTVSQDT NIPIYAQIFT DSIAEQGKEG DSYYSMMKYN LDKIAEGLAK
Species	Streptococcus pneumoniae (strain BAA-255 / R6)
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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	15903537
NCBI GeneID	933003
NCBI Accession #	NP_359087.1
NCBI GenBank Nucleotide #	NC_003098.1
UniProt Accession #	P0A4G3; P72538; Q54720; Q9L5X2; Q9L5X3; Q9L5X4; Q9R6P5
Molecular Weight	34,594 Da
NCBI Official Full Name	manganese ABC transporter substrate-binding protein
NCBI Official Symbol	psaA
NCBI Protein Information	manganese ABC transporter substrate-binding protein
UniProt Protein Name	Manganese ABC transporter substrate-binding lipoprotein
UniProt Gene Name	**psaA**

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.