

Periplasmic murein peptide-binding protein (mppA) Recombinant Protein | mppA recombinant protein

Recombinant Escherichia coli Periplasmic murein peptide-binding protein (mppA)

CATALOG #
AAA115508

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

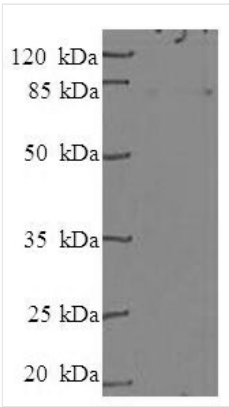
PRODUCT SYNONYMS

Periplasmic murein peptide-binding protein (mppA); Recombinant Escherichia coli Periplasmic murein peptide-binding protein (mppA); Periplasmic murein peptide-binding protein; mppA 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	23-537aa; Full Length of Mature Protein
Sequence	AEVPSGTVLA EKQELVRHIK DEPASLDPK AVGLPEIQVI RDLFEGLVNQ NEKGEIVPGV ATQWKSNDNR IWTFTLRDNA KWADGTPVTA QDFVYSWQRL VDPKTLSPFA WFAALAGINN AQAIIDGKAT PDQLGVTAVD AHTLKIQLDK PLPWFVNLT NFAFFPVQKA NVESGKEWTK PGNLIGNGAY VLKERVVNEK LVVVPNTHYW DNAKTVLQKV TFLPINQESA ATKRYLAGDI DITESFPKMN YQKLLKDIPG QVYTPPQLGT YYYAFNTQKG PTADQVRVLA LSMTIDRRML TEKVLGTGEK PAWHFTPDVT AGFTPEPSPF EQMSQEELNA QAKTLLSAAG YGPQKPLKLT LLYNTSENHQ KIAIAVASMW KKNLGVDVKL QNQEWKTYID SRNTGNFDVI RASWVG DYNE PSTFLTLLTS THSGNISRFN NPAYDKVLAQ ASTENTVKAR NADYNAAEKI LMEQAPIAPI YQYTNGRLIK PWLKGYPINN PEDVAYSRTM YIVKH
Sequence Length	515
Species	Escherichia coli (strain K12)
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
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.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for mppA recombinant protein	Essential for the uptake of the murein peptide L-alanyl-gamma-D-glutamyl-meso-diaminopimelate. Also transports some alpha-linked peptides such as Pro-Phe-Lys with low affinity. The transport is effected by the oligopeptide permease system.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	90111250
NCBI GeneID	945951
NCBI Accession #	NP_415845.2
NCBI GenBank Nucleotide #	NC_000913.3
UniProt Accession #	P77348
Molecular Weight	73.6 kDa
NCBI Official Full Name	murein tripeptide (L-ala-gamma-D-glutamyl-meso-DAP) transporter subunit
NCBI Official Symbol	mppA
NCBI Official Synonym Symbols	ECK1326; JW1322; ynaH
NCBI Protein Information	murein tripeptide (L-ala-gamma-D-glutamyl-meso-DAP) transporter subunit
UniProt Protein Name	Periplasmic murein peptide-binding protein
UniProt Gene Name	mppA
UniProt Synonym Gene Names	ynaH
UniProt Entry Name	MPPA_ECOLI

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mppa-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/115508>