Glutamate Transport ATP-Binding Protein Glua (gluA) Corynebacterium Efficiens Recombinant Protein

PRODUCT OVERVIEW

Product Name	Glutamate transport ATP-binding protein GluA (gluA), Recombinant Protein
Full Product Name	Recombinant Corynebacterium efficiens Glutamate transport ATP-binding protein GluA (gluA)
Product Gene Name	gluA recombinant protein
Product Synonym Gene Name	gluA
Sequence	MIKMTGVQKF FDDFQALTDI NLEVPAGQVV VVLGPSGSGK STLCRTINRL ETIEEGTIEI DGKLLPEEGK DLAKIRADVG MVFQSFNLFP HLTIKDNVTL GPMKVRKMKK SEANEVAMKL LERVGIANQA EKYPAQLSGG QQQRVAIARA LAMNPKIMLF DEPTSALDPE MVNEVLDVMA SLAKEGMTMV CVTHEMGFAR RAADRVLFMS DGAIVEDSDP ETFFTNPQTD RAKDFLGKIL AH
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	26,604 Da
Sequence Positions	1-242, 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 Q8RQL7
Species	Corynebacterium efficiens
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for gluA recombinant protein	MBS1438641 is a recombinant protein targeting gluA. Also known as Recombinant Corynebacterium efficiens Glutamate transport ATP-binding protein GluA (gluA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of gluA 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 gluA. It may not necessarily be applicable to this product.

NCBI GI #	24636879
NCBI Accession #	Q8RQL7.1
UniProt Primary Accession #	Q8RQL7
NCBI Official Full Name	Glutamate transport ATP-binding protein GluA

UniProt Protein Name	Glutamate transport ATP-binding protein GluA
Protein Family	Glutamate transport ATP-binding protein
UniProt Gene Name	gluA
UniProt Comments for gluA	Part of the binding-protein-dependent transport system for glutamate. Probably responsible for energy coupling to the transport system ().
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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