Glycine--Trna Ligase Alpha Subunit (glyQ) Haemophilus Parasuis Serovar 5 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Glycine--tRNA ligase alpha subunit (glyQ), Recombinant Protein
Full Product Name	Recombinant Haemophilus parasuis serovar 5 Glycine--tRNA ligase alpha subunit (glyQ)
Product Gene Name	glyQ recombinant protein
Sequence	MTAKFNVKTF QGMILALQDY WANQGCTVVQ PFDMEVGAGT SHPMTCLRAL GPEPMAFAYV QPSRRPTDGR YGENPNRLQH YYQFQVVIKP SPDNIQELYL DSLKMLGFDP TQNDIRFVED NWENPTLGAW GLGWEVWLNG MEVTQFTYFQ QVGGLECKPV TGEITYGLER LAMYIQGVDS VYDLVWSDGP LGKTTYGDVF HQNEVEQSTY NFEYANTDFL FYCFDQYEKE AQELLALEKP LPLPAYERIL KAAHSFNLLD ARKAISVTER QRYILRIRTL TKGVAEAYYA SREALGFPGC K
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	34,458 Da
Sequence Positions	1-301, 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 B8F706
Species	Haemophilus parasuis serovar 5 (strain SH0165)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for glyQ recombinant protein	MBS1122215 is a recombinant protein targeting glyQ. Also known as Recombinant Haemophilus parasuis serovar 5 Glycine--tRNA ligase alpha subunit (glyQ). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of glyQ 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 glyQ. It may not necessarily be applicable to this product.

NCBI GI #	491993902
NCBI Accession #	WP_005710973.1
UniProt Primary Accession #	B8F706
GenBank Nucleotide #	WP_005710973.1
NCBI Official Full Name	glycine--tRNA ligase subunit alpha

UniProt Protein Name	Glycine--tRNA ligase alpha subunit
UniProt Synonym Protein Names	Glycyl-tRNA synthetase alpha subunit
Protein Family	Glycine--tRNA ligase
UniProt Gene Name	glyQ
UniProt Synonym Gene Names	GlyRS
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