Glucokinase (glk) Helicobacter Pylori Recombinant Protein

PRODUCT OVERVIEW

Product Name	Glucokinase (glk), Recombinant Protein
Full Product Name	Recombinant Helicobacter pylori Glucokinase (glk)
Product Gene Name	glk recombinant protein
Sequence	MPKTETYPRL LADIGGTNAR FGLEVAPRQI ECIEVLRCED FESLSDAVRF YLSKCKESLK LHPIYGSFAV ATPIMGDFVQ MTNNHWTFSI ETTRQCLTLK KLLVINDFVA QAYAISAMQE NDLAQIGGIK CEINAPKAIL GPGTGLGVST LIQNSDGSLK VLPGEGGHVS FAPFDDLEIL VWQYARSKFN HVSAERFLSG SGLVLIYEAL SKRKGLEKVA KLSKAELTPQ IISECALNGD YPICRLTLDT FCSMLGTLAA DVALTLGARG GVYLCGGIIP RFIDYFKTSP FRARFETKGR MGAFLASIPV HVVLKKTPGL DGAGIALENY LLHDKI
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	36,661 Da
Sequence Positions	1-336, 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 O25731
Species	Helicobacter pylori (strain 700392 / 26695) (Campylobacter pylori)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for glk recombinant protein	MBS1229174 is a recombinant protein targeting glk. Also known as Recombinant Helicobacter pylori Glucokinase (glk). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of glk 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 glk. It may not necessarily be applicable to this product.

NCBI GI #	15645717
NCBI GeneID	899639
NCBI Accession #	NP_207894.1
UniProt Primary Accession #	O25731
UniProt Related Accession #	O25731
GenBank Nucleotide #	NC_000915.1

NCBI Official Full Name	glucokinase
NCBI Official Symbol	glk
UniProt Protein Name	Glucokinase
UniProt Synonym Protein Names	Glucose kinase
Protein Family	Bifunctional protein
UniProt Gene Name	glk
NCBI Protein Information	glucokinase
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