6-Phosphogluconolactonase (pgl) Recombinant Protein

PRODUCT OVERVIEW

Product Name	6-phosphogluconolactonase (pgl), Recombinant Protein
Full Product Name	Recombinant Neisseria meningitidis serogroup A / serotype 4A 6-phosphogluconolactonase (pgl)
Product Gene Name	pgl recombinant protein
Sequence	MFVWHEYENA AEAAQSLADA VADALQGALD EKGGAVLAVS GGRSPIAFFN ALSQKDLDWK NVGITLADER IVPTVHADSN TGLVREYLLK NKAEAAMWIP MVEDGKTETE LHPDAVVDYA LKHYKQPDVL VLGMGNDGHT ASIFPKAPQF QTAIDGSAGV ALVHTTPVTA PHERVSMTLD AIAHTGHVFL AIRGEEKKAV FDQAAQGENR EYPINLVLNH QGVNCHVFYA E
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	24,980 Da
Sequence Positions	1-231, 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 P63336
Species	Neisseria meningitidis serogroup A / serotype 4A (strain Z2491)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pgl recombinant protein	MBS1260316 is a recombinant protein targeting pgl. Also known as Recombinant Neisseria meningitidis serogroup A / serotype 4A 6-phosphogluconolactonase (pgl). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of pgl 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 pgl. It may not necessarily be applicable to this product.

NCBI GI #	488141937
NCBI Accession #	WP_002213145.1
UniProt Primary Accession #	P63336
UniProt Secondary Accession #	Q9JR64; A1ISJ0
GenBank Nucleotide #	WP_002213145.1
NCBI Official Full Name	MULTISPECIES: 6-phosphogluconolactonase

UniProt Protein Name	6-phosphogluconolactonase
Protein Family	6-phosphogluconolactonase
UniProt Gene Name	pgl
UniProt Synonym Gene Names	6PGL
UniProt Comments for pgl	Hydrolysis of 6-phosphogluconolactone to 6-phosphogluconate.
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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