6-Phosphogluconolactonase (pgl) Salmonella Newport Recombinant Protein

PRODUCT OVERVIEW

Product Name	6-phosphogluconolactonase (pgl), Recombinant Protein
Full Product Name	Recombinant Salmonella newport 6-phosphogluconolactonase (pgl)
Product Gene Name	pgl recombinant protein
Sequence	MKQTVYTASP ESQQIHVWSL NHEGTLTLVQ VVDVPGQVQP MVVSPDKRYL YVGVRPEFRV LAYRIAPDDG ALTFAAESAL PGSPTHISTD HHGRFVFVGS YNAGNVSVTR LQDGLPVELV DVVEGLDGCH SANITPDNRT LWVPALKQDR ICLFTLSDDG HLVAQEPAEV NTVEGAGPRH MVFHPNRQYA YCVNELNSSV DVWQLKNPHG EIECVQTLDM MPADFSDTRW AADIHITPDG RHLYACDRTA SLITVFSVSE DGSVLSVEGF QPTEAQPRGF NIDNSGKYLI AAGQKSHHIA VYEITGTQGL LTEKGRYAVG QGPMWVVVNA Y
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	36,337 Da
Sequence Positions	1-331, Full length
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 B4SZI8
Species	Salmonella newport (strain SL254)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pgl recombinant protein	MBS1086605 is a recombinant protein targeting pgl. Also known as Recombinant Salmonella newport 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 #	446738212
NCBI GeneID	1252305
NCBI Accession #	WP_000815468.1
UniProt Primary Accession #	B4SZI8
UniProt Related Accession #	Q8ZQR4
GenBank Nucleotide #	WP_000815468.1

NCBI Official Full Name	6-phosphogluconolactonase
NCBI Official Symbol	ybhE
UniProt Protein Name	6-phosphogluconolactonase
Protein Family	6-phosphogluconolactonase
UniProt Gene Name	pgl
UniProt Synonym Gene Names	6-P-gluconolactonase
NCBI Protein Information	6-phosphogluconolactonase
UniProt Comments for pgl	Catalyzes the 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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