Glycine betaine-binding periplasmic protein (proX) Recombinant Protein | proX recombinant protein

Recombinant Escherichia coli Glycine betaine-binding periplasmic protein (proX)

CATALOG #	HOST
AAA114994	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

Glycine betaine-binding periplasmic protein (proX); Recombinant Escherichia coli Glycine betaine-binding periplasmic protein (proX); proX recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	22-330aa; Full Length of Mature Protein
Sequence	ADLPGKGITV NPVQSTITEE TFQTLLVSRA LEKLGYTVNK PSEVDYNVGY TSLASGDATF TAVNWTPLHD NMYEAAGGDK KFYREGVFVN GAAQGYLIDK KTADQYKITN IAQLKDPKIA KLFDTNGDGK ADLTGCNPGW GCEGAINHQL AAYELTNTVT HNQGNYAAMM ADTISRYKEG KPVFYYTWTP YWVSNELKPG KDVVWLQVPF SALPGDKNAD TKLPNGANYG FPVSTMHIVA NKAWAEKNPA AAKLFAIMQL PVADINAQNA IMHDGKASEG DIQGHVDGWI KAHQQQFDGW VNEALAAQK
Species	Escherichia coli (strain K12)
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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	16130593
NCBI GeneID	947165
NCBI Accession #	NP_417165.1
NCBI GenBank Nucleotide #	NC_000913.3
UniProt Accession #	P0AFM2; P14177
Molecular Weight	36,023 Da
NCBI Official Full Name	glycine betaine/proline ABC transporter periplasmic binding protein; cold shock protein
NCBI Official Symbol	proX
NCBI Official Synonym Symbols	ECK2673; JW2654; osrA; proU
NCBI Protein Information	glycine betaine/proline ABC transporter periplasmic binding protein; cold shock protein
UniProt Protein Name	Glycine betaine/proline betaine-binding periplasmic protein
UniProt Gene Name	**proX**

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.