

E.Coli phrB Recombinant Protein



RPPB2111

Product Information Protein Information

Product SKU:

RPPB2111

Accession:

P00914

Host:

Escherichia Coli.

Protein description:

phrB E.Coli Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 495 amino acids (1-472) and having a molecular mass of 56.1kDa.phrB is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear solution.

Synonyms:

ECK0697, JW0698, phrB, phr, Deoxyribodipyrimidine photo-lyase, DNA photolyase, Photoreactivating enzyme, EC=4.1.99.3, b0708.

Formulation:

The phrB solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 50% glycerol and 1mM DTT.

Purity:

Greater than 90% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.

Amino Acid Sequence:

MGSSHHHHH SSGLVPRGSH MGSMTTHLVW FRQDLRLHDN LALAAACRNS SARVLALYIA TPRQWATHNM
SPRQAEлина QLNGLQIALA EKGIPLLFRE VDDFVASVEI VKQVCAENSV THLFYNYQYE VNERARDVEV
ERALRNVVCE GFDDSVILPP GAVMTGNHEM YKVFTPFKNA WLKRLREGMP ECVAAPKVRS SGSIEPSPSI
TLNYPRQSFD TAHFPVEEKA AIAQLRQFCQ NGAGEYEQQR DFPAVEGTSR LSASLATGGL SPRQCLHRL
AEQPQALDGG AGSVWLNELI WREFYRHLIT YHPSLCKHRP FIAWTDRVQW QSNPAHLQAW QEGKTGYPIV
DAAMRQLNST GWMHNRLRMI TASFLVKDLL IDWREGERYF MSQLIDGDLA ANNGGWQWAA STGTDAAPYF
RIFNPTTQGE KFDHEGEFIR QWLPELRDVP GKVVHEPWKW AQKAGVTLDY PQPIVEHKEA RVQTLAAAYEA
ARKGK.