

32-3111: RBKS Recombinant Protein

Alternative Name : Ribokinase,RBKS,RBSK,DKFZp686G13268.

Description

Source : Escherichia Coli. RBKS Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 342 amino acids (1-322 a.a.) and having a molecular mass of 36.3kDa. The RBKS is purified by proprietary chromatographic techniques. Ribokinase (RBKS) is a member of the pfkB family of carbohydrate kinases. Ribokinase phosphorylates ribose to form ribose-5-phosphate in the presence of ATP and magnesium as a first step in ribose metabolism.

Product Info

Amount :	10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	The RBKS solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol.
Storage condition :	RBKS should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSSLVPRGSH MAASGEPQRQ WQEEVAVVV VGSCMTDLVS LTSRLPKTGE TIHGKFFIG FGGKGANQCV QAARLGAMTS MVCKVGKDSF GNDYIENLKQ NDISTEFTYQ TKDAATGTAS IIVNNEGQNI IVIVAGANLL LNTEDLRAAA NVISRAKVMV CQLEITPATS LEALTMARRS GVKTLFNPAP AIADLDPQFY TLDVFCNE SEAEILTGLT VGSAADAGEA ALVLLKRGQC VVIITLGAEG CVVLSQTEPE PKHIPTEKVK AVDTTGAGDS FVGALAFYLA YYPNLSLEDM LNRSNFIAAV SVQAAGTQSS YPYKDLPLT LF.