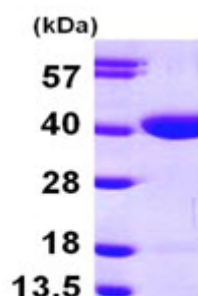


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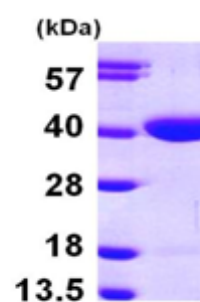
Human Ribokinase / RBKS (1-322, His-tag) - Purified

Quantity:	50 µg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	Ribokinase, also known as RBKS, belongs to the pfkB family of carbohydrate kinases. It phosphorylates ribose to form ribose-5-phosphate in the presence of ATP and magnesium as a first step in ribose metabolism.
Uniprot ID:	Q9H477
NCBI:	NP_071411
GeneID:	64080
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol
Description:	Recombinant human RBKS protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: <u>MGSSHHHHHH SSGLVPRGSH</u> MAASGEPQRQ WQEEVAVVV VGSCMTDLVS LTSRLPKTGE TIHGKFFIG FGGKGANQCV QAARLGAMTS MVCKVGKDSF GNDYIENLKQ NDISTEFTYQ TKDAATGTAS IIVNNEGQNI IVIVAGANLL LNTEDLRAAA NVISRAKVMV CQLEITPATS LEALTMARRS GVKTLFNPAP AIADLDPQFY TLDVFCNE SEAEILTGLT VGSAADAGEA ALVLLKRGCG VVIITLGAEG CVVLSQTEPE PKHIPTEKVK AVDTTGAGDS FVGALAFYLA YYPNLSLEDL LNRSNFIAAV SVQAAGTQSS YPYKKDLPLT LF Molecular weight: 36.3 kDa (342aa), confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Park J., et al. (2007) FEBS Lett. 581:3211-3216.
Pictures:	



15% SDS-PAGE (3µg)

Recombinant human RBKS, 1- 322 aa, His-tagged



15% SDS-PAGE (3ug)