

Product datasheet for **AR09767PU-N**

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

Product data:

Product Type:	Recombinant Proteins
Description:	Ribokinase / RBKS (1-322, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MAASGEPQRQ WQEEVAAWV VGSCMTDLVS LTRSRLPKTGE TIHGKFFIG FGGKGANQCV QAARLGAMTS MVCKVGKDSF GNDYIENLKQ NDISTEFTYQ TKDAATGTAS IIVNNEGQNI IVIVAGANLL LNTEDLRAAA NVISRAKVMV CQLEITPATS LEALTMARRS GVKTLFNPAP AIADLDPQFY TLSDFVCCNE SEAEILTGLT VGSAADAGEA ALVLLKRGCCQ VVIITLGAEG CVVLSQTEPE PKHIPTEKVK AVDTTGAGDS FVGALAFYLA YYPNLSLEDM LNRSNFIAAV SVQAAGTQSS YPYKKDLPLT LF
Tag:	His-tag
Predicted MW:	36.3 kDa
Concentration:	lot specific
Purity:	>95%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human RBKS protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001274509</u>
Locus ID:	64080
UniProt ID:	<u>Q9H477</u>
Cytogenetics:	2p23.2
Synonyms:	RBSK; RK



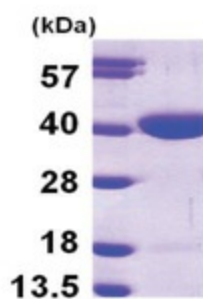
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Summary: This gene encodes a member of the carbohydrate kinase PfkB family. The encoded protein phosphorylates ribose to form ribose-5-phosphate in the presence of ATP and magnesium as a first step in ribose metabolism. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2013]

Protein Families: Druggable Genome

Protein Pathways: Pentose phosphate pathway

Product images:



15% SDS-PAGE (3ug)