

RBKS recombinant protein

RBKS, 1-322aa, Human, His tag, E Coli

CATALOG # AAA48692	HOST E Coli	APPLICATIONS SDS-Page
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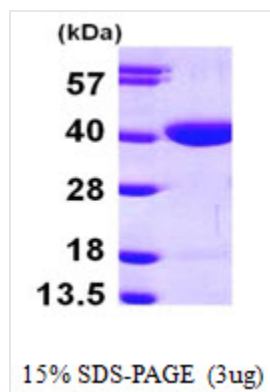
PRODUCT SYNONYMS

RBKS; 1-322aa; Human; His tag; E Coli; Ribokinase; RBSK; RBKS recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing, 10% glycerol
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MAASGEPQRQ WQEEVAVVV VGSCMTDLVS LTSRLPKTGE TIHGHKFFIG FGGKGANQCV QAARLGAMTS MVCKVGKDSF GNDYIENLKQ NDISTEFTYQ TKDAATGTAS IIVNNEGQNI IVIVAGANLL LNTEDLRAAA NVISRAKVMV CQLEITPATS LEALTMARRS GVKTLFNPAP AIADLDPQFY TLSDVFCCNE SEAEILTGLT VGSAADAGEA ALVLLKRGCG VVIITLGAEG CVVLSQTEPE PKHIPTEKVK AVDTTGAGDS FVGALAFYLA YYPNLSLEDL LNRSNFIAAV SVQAAGTQSS YPYKKDLPLT LF
Sequence Length	322
Applicable Applications for RBKS recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for RBKS recombinant protein	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. Recombinant human RBKS protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for RBKS recombinant protein	Metabolism
References	Sigrell J A., et al. (1999) J Mol Biol. 290:1009-1018.; Park J., et al. (2007) FEBS Lett. 581:3211-3216.

NCBI AND UNIPROT INFORMATION

NCBI GI #	11545855
NCBI GeneID	64080
NCBI Accession #	NP_071411
NCBI GenBank Nucleotide #	NM_022128.2
UniProt Accession #	Q9H477; A9UK04; B4DV96
Molecular Weight	36.3 kDa (342aa), confirmed by MALDI-TOF
NCBI Official Full Name	ribokinase isoform 1
NCBI Official Synonym Full Names	ribokinase
NCBI Official Symbol	RBKS
NCBI Official Synonym Symbols	RK; RBSK
NCBI Protein Information	ribokinase
UniProt Protein Name	Ribokinase
UniProt Gene Name	RBKS
UniProt Synonym Gene Names	RK

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.

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Online datasheet: <https://stage.aaabiotech.com/rbks-recombinant-protein-e-coli-sds-page/48692>