

Riboflavin Kinase Recombinant Protein | RFK recombinant protein

Recombinant Riboflavin Kinase (RFK)

CATALOG # AAA145458	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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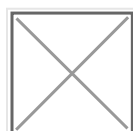
PRODUCT SYNONYMS

Riboflavin Kinase; Recombinant Riboflavin Kinase (RFK); RIFK; Flavokinase; ATP:riboflavin 5'-phosphotransferase; RFK recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 95%
Form/Format	100mM NaHCO ₃ , 500mM NaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 500ug/mL (varies by lot)
Sequence	MRHLPYFCRG QVVRGFGGRGS KQLGIPTANF PEQVVDNLPA DISTGIYYGW ASVSGSDVHK MVVSIGWNPY YKNTKSMET HIMHTFKEDF YGEILNVAIV GYL RPEKNFD SLESLISAIQ GDIEEAKKRL ELPEHLKIKE DNFFQVSKSK IMNGH
Applicable Applications for RFK recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Met1~His155
Tags	N-terminal His and GST Tag
Subcellular Location	Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	7.9
Usage	Reconstitute in ddH ₂ O to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	686647941
NCBI GeneID	20388419
NCBI Accession #	XP_009316415.1
NCBI GenBank Nucleotide #	XM_009318140.1
Molecular Weight	Predicted Molecular Mass: 47.6kDa Accurate Molecular Mass: 48kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	riboflavin kinase, partial
NCBI Official Symbol	DQ04_23051000
NCBI Protein Information	riboflavin kinase

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/riboflavin-kinase-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/145458>