

Recombinant Human RFK protein, His-tagged

Cat. No. RFK-8617H Lot. No. (See product label)

SPECIFICATION

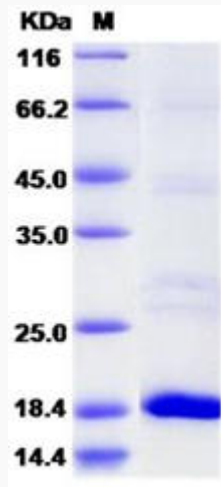
Product Overview	Recombinant Human RFK protein(Q969G6) (Met1-His155) was expressed in E.coli with a polyhistide tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	1-155 aa
Form	Lyophilized from sterile 20mM Tris, 10% glycerol, pH 8.0.
Molecular Mass	The recombinant human RFK consists of 170 amino acids and predicts a molecular mass of 19.5 KDa. It migrates as an approximately 20 KDa band in SDS-PAGE under reducing conditions.
Purity	> 90 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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Gene Name	RFK riboflavin kinase [Homo sapiens]
Official Symbol	RFK
Synonyms	RFK; riboflavin kinase; FLJ11149; RIFK; flavokinase; 0610038L10Rik; ATP:riboflavin 5-phosphotransferase; RP11-422N19.2;
Gene ID	55312
mRNA Refseq	NM_018339
Protein Refseq	NP_060809
MIM	613010
UniProt ID	Q969G6
SDS-PAGE	 The SDS-PAGE gel image displays molecular weight markers on the left and a protein sample on the right. The markers are labeled with their respective molecular weights in kDa: 116, 66.2, 45.0, 35.0, 25.0, 18.4, and 14.4. The protein sample shows a single prominent band at approximately 18.4 kDa, which corresponds to the expected molecular weight of RFK.