

# Recombinant Human RFK Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** RFK-1608H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	RFK MS Standard C13 and N15-labeled recombinant protein (NP_060809) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	Riboflavin kinase (RFK; EC 2.7.1.26) is an essential enzyme that catalyzes the phosphorylation of riboflavin (vitamin B2) to form flavin mononucleotide (FMN), an obligatory step in vitamin B2 utilization and flavin cofactor synthesis.
<b>Molecular Mass</b>	18.4 kDa
<b>AA Sequence</b>	MPRADCIMRHLPHYFCRGQVVRGFGGRGSKQLGIPTANFPEQVVDNLPADISTGIYYG WASVGSGDVHKMVVSIGWNPYYKNTKKSMETHIMHTFKEDFYGEILNVAIVGYLRP EKNFDSLESLSIAIQGDIEEAKKRLELPEHLKIKEDNFFQVSKSKIMNGHTRTRPLEQK LISEEDLAANDILDYKDDDDKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

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**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** RFK riboflavin kinase [ Homo sapiens (human) ]

**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

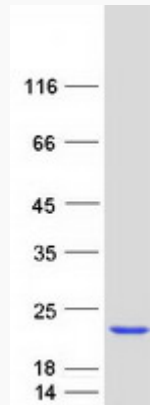
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SDS-PAGE



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