

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

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

SPECIFICATION

Product Overview	RFK MS Standard C13 and N15-labeled recombinant protein (NP_060809) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	18.4 kDa
AA Sequence	MPRADCIMRHLPPYFCRGQVVRGFGGRGSKQLGIPTANFPEQVVDNLPADISTGIYYG WASVGSGDVHKMVVSIGWNPYYKNTKKSMETHIMHTFKEDFYGEILNVAIVGYLRP EKNFDSLESLSIAIQGDIEEAKKRLELPEHLKIKEDNFFQVSKSKIMNGHTRTRPLEQK LISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

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Concentration	50 µg/mL as determined by BCA
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Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
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GENE INFORMATION

Gene Name	RFK riboflavin kinase [Homo sapiens (human)]
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Official Symbol	RFK
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Synonyms	RFK; riboflavin kinase; FLJ11149; RIFK; flavokinase; 0610038L10Rik; ATP:riboflavin 5-phosphotransferase; RP11-422N19.2;
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Gene ID	55312
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mRNA Refseq	NM_018339
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Protein Refseq	NP_060809
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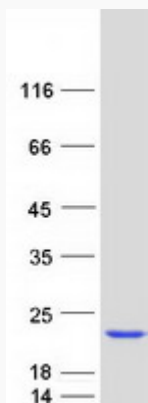
MIM	613010
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UniProt ID	Q969G6
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SDS-PAGE

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