Datasheet for ABIN2730888

Riboflavin Kinase Protein (RFK) (Myc-DYKDDDDK Tag)

1 Image

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Overview

Quantity:	20 µg
Target:	Riboflavin Kinase (RFK)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Riboflavin Kinase protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	• Recombinant human Riboflavin kinase (RFK) protein expressed in HEK293 cells. • Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details

Target:	Riboflavin Kinase (RFK)
Abstract:	RFK Products
Background:	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 (Karthikeyan et al., 2003 [PubMed 12623014]).[supplied by OMIM, Nov 2009].
Molecular Weight:	17.4 kDa

Target Details

NCBI Accession:	NP_060809

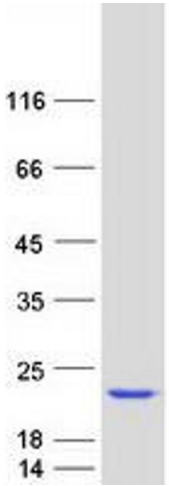
Application Details

Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only

Handling

Concentration:	50 µg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Images



Western Blotting

Image 1. Validation with Western Blot

