Datasheet for ABIN667744

Riboflavin Kinase Protein (RFK) (AA 1-162) (His tag)

1 Image

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Overview

Quantity:	100 µg
Target:	Riboflavin Kinase (RFK)
Protein Characteristics:	AA 1-162
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Riboflavin Kinase protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	Riboflavin kinase, 1-162 aa, Human, His-tagged, Recombinant, E.coli
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	Riboflavin Kinase (RFK)
Alternative Name:	Riboflavin kinase (RFK Products)
Background:	Riboflavin kinase, also known as flavokinase, belongs to the family of transferases, specifically those transferring phosphorus-containing groups (phosphotransferases) with an alcohol group as acceptor. It is an enzyme that catalyzes the phosphorylation of riboflavin (vitamin B2) to form flavin-mononucleotide (FMN). Recombinant riboflavin kinase was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: RIFK, RP11-422N19.2,

Target Details

	RFK, 0610038L10Rik, AF031381, KOI 4, Riboflavin kinase, ATP:riboflavin 5' phosphotransferase, Flavokinase,. NCBI no.: NP_060809
Molecular Weight:	20.5 kDa (182 aa), confirmed by MALDI-TOF.

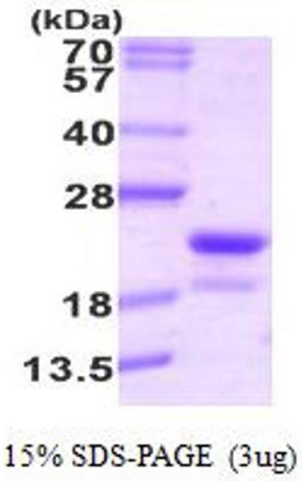
Application Details

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1.0 mg/ml (determined by Bradford assay)
Buffer:	Liquid. In 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol
Storage:	4 °C

Images



SDS-PAGE

Image 1.