Datasheet for ABIN1796041

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

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Overview

Quantity:	10 µg
Target:	Riboflavin Kinase (RFK)
Protein Characteristics:	AA 1-162
Origin:	Human
Source:	Wheat germ
Protein Type:	Recombinant
Purification tag / Conjugate:	This Riboflavin Kinase protein is labelled with GST tag.
Application:	Western Blotting (WB), ELISA, Affinity Purification (AP), Antibody Array (AA)

Product Details

Purpose:	RFK (Human) Recombinant Protein (P01)
Sequence:	MPRADCIMRH LPYFCRGQVV RGFGRGSKQL GIPTANFPEQ VVDNLPADIS TGIYYGWASV GSGDVHKMVV SIGWNPYYKN TKKSMETHIM HTFKEDFYGE ILNVAIVGYL RPEKNFDSLE SLISAIQGDI EEAKKRLELP EHLKIKEDNF FQVSKSKIMN GH
Characteristics:	Human RFK full-length ORF (AAH07069, 1 a.a. - 162 a.a.) recombinant protein with GST-tag at N-terminal.
Purification:	in vitro wheat germ expression system

Target Details

Target:	Riboflavin Kinase (RFK)
Alternative Name:	RFK (RFK Products)

Target Details

Background:	Full Gene Name: riboflavin kinase Synonyms: FLJ11149,RIFK
Gene ID:	55312

Application Details

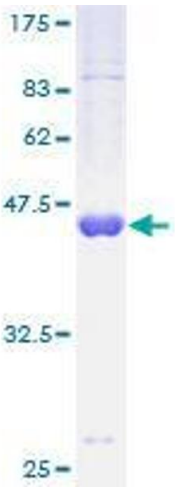
Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Preparation method: in vitro, wheat germ expression system Product Quality tested by: 12.5% SDS-PAGE Stained with Coomassie Blue.
Restrictions:	For Research Use only

Handling

Buffer:	50 mM Tris-HCl, 10 mM reduced Glutathione, pH =8.0 in the elution buffer.
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-80 °C
Storage Comment:	Best use within three months from the date of receipt of this protein.

Publications

Product cited in:	Rhee, Choi, Yoo, Jang, Park, Pinto, Cameselle, Sandoval, Roje, Han, Chung, Suh, Hong: "A bifunctional molecule as an artificial flavin mononucleotide cyclase and a chemosensor for selective fluorescent detection of flavins." in: **Journal of the American Chemical Society**, Vol. 131, Issue 29, pp. 10107-12, (2009) (PubMed).



SDS-PAGE

Image 1.