

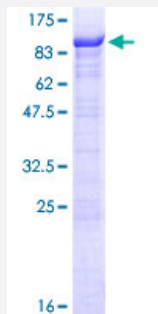
Full-Length

RIOK1 (Human) Recombinant Protein (P01)

Catalog # H00083732-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human RIOK1 full-length ORF (NP_113668.2, 1 a.a. - 568 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDYRRLMSRVVPGQFDDADSSDSENRLKTVKEKDDILFEDLQDNVNENGEIEDEEEEGYD
DDDDWDWDEGVGKLAKGYVWNGGSPQANRQTSDSSAKMSTPADKVLRFENKINLDKLN
VTDVINKVTEKSRQKEADMYRIKDKADRATVEQVLDPRTRMILFKMLTRGIITEINGCISTGKEANV
YHASTANGESRAIKYKTSILVFKDRDKYVSGEFRFRHGYCKGNPRKMVKTWAEKEMRNLIRLNTA
EIPCPEPIMLRSHVLVMSFIGKDDMPAPLLKNVQLSESKARELYLQVIQYMRRMYQDARLVHADLS
EFNMLYHGGGVYIDVSQSVEHDHPHALEFLRKDCANVNDFFMRHSVAVMTVRELFVTDPSIT
HENMDAYLSKAMEIASQRTKEERSSQDHVDEEVFKRAYIPRTLNEVKNYERDMDIIMKLKEEDMA
MNAQQDNILYQTVTGLKKDLSGVQKVPALLENQVEERTCSDSEDIGSSECSDTDSEEQGDHARP
KKHTTDPDIDKKERKKMVKEAQREKRKNKIPKHVKKRKEKTAKTKKGK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

92

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — RIOK1

Entrez GeneID[83732](#)**GeneBank Accession#**[NM_031480.2](#)**Protein Accession#**[NP_113668.2](#)**Gene Name**

RIOK1

Gene Alias

AD034, FLJ30006, MGC12903, bA288G3.1

Gene Description

RIO kinase 1 (yeast)

Gene Ontology[Hyperlink](#)**Gene Summary**

This gene includes two alternatively spliced transcript variants, which encode different isoforms. The function of this gene has not been determined. [provided by RefSeq]

Other Designations

OTTHUMP00000015999|RIO kinase 1|prematurely truncated due to insertion of intronic sequence