

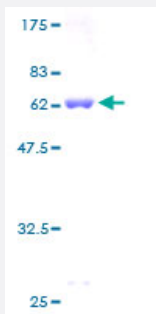
Full-Length

RBKS (Human) Recombinant Protein (P01)

Catalog # H00064080-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human RBKS full-length ORF (AAH17425, 1 a.a. - 322 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAASGEPQRQWQEEVAAVVVVGSCMTDLVSLTSRLPKTGETIHGHKFFIGFGGKGANQCVQAA
RLGAMTSMVCKVGKDSFGNDYIENLKQNDISTEFTYQTKDAATGTASIMNNEGQNIVVAGANLLL
NTEDLRAAANVISRAKVMVCQLEITPATSLEALTMARRSGVKTLFNPAPAIADLDPQFYTLSDVFC
CNESEAEILTGLTVGSAADAGEAALVLLKRGCVVITLGAEGCVVLSQTEPEPKHIPTEKVKAVDT
TGAGDSFVGALAFYLAYYPNLSLEDMLNRSNFIAAVSVQAAGTQSSYPYKDLPLTLF

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

61.16

Interspecies Antigen Sequence

Mouse (86); Rat (87)

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 — RBKS

Entrez GeneID[64080](#)**GeneBank Accession#**[BC017425](#)**Protein Accession#**[AAH17425](#)**Gene Name**

RBKS

Gene Alias

DKFZp686G13268, RBSK

Gene Description

ribokinase

Omim ID[611132](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The ribokinase encoded by this gene belongs to the pfkB family of carbohydrate kinases. It phosphorylates ribose to form ribose-5-phosphate in the presence of ATP and magnesium as a first step in ribose metabolism. [provided by RefSeq]

Other Designations

5230400M11Rik

Pathway

- [Pentose phosphate pathway](#)

Disease

- [Tobacco Use Disorder](#)