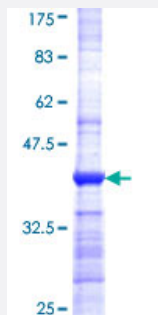


JRK (Human) Recombinant Protein (Q01)

Catalog # H00008629-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human JRK partial ORF (NP_003715, 2 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	ASKPAAGKSRGEKRRVVLTLKEKIDICTRLEKGESRKALMQEYNVGMSTLYDIRAHKAQLLRFFA SSDSNKALEQRRTLHTPKLEHLDRVLYEWFLGK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (91); Rat (89)
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 — JRK

Entrez GeneID [8629](#)

GeneBank Accession# [NM_003724](#)

Protein Accession# [NP_003715](#)

Gene Name JRK

Gene Alias DKFZp686C24207, FLJ45729, JH8

Gene Description jerky homolog (mouse)

Omim ID [603210](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is the human homolog of the mouse jerky gene. The encoded protein has similarity to several nuclear regulatory proteins, including centromere protein B, suggesting that it might function as a DNA-binding protein. Insertional inactivation of this gene in transgenic mice resulted in epileptic seizures. Childhood Absence Epilepsy (CAE) has been mapped to the same chromosomal location (8q24.3) as this gene, making this gene a strong candidate for CAE. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations jerky

Disease

- [Tobacco Use Disorder](#)