

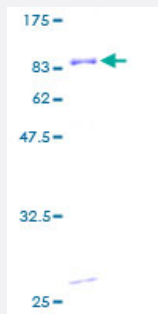
Full-Length

PRKRA (Human) Recombinant Protein (P01)

Catalog # H00008575-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PRKRA full-length ORF (AAH09470, 1 a.a. - 313 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSQSRHRAEAPPLEREDSGTFLGKMITAKPGKTPIQVLHEYGMKTKNIPVYECERSDVQIHVPTF
TFRVTVGDITCTGEGTSKKLAKHRAEAAINILKANASICFAVPDPLMPDPSKQPKNQLNPIGSLQE
LAIHHGWRLEPYTLSQEGGPAHKREYTTICRLESFMETGKGASKKQAKRNAAEKFLAKFSNISPEN
HISLTNVVGHSLGCTWHSLRNSPGKINLLKRSLLSIPNTDYQLLSEIAKEQGFNITYLDIDELSANG
QYQCLAELSTSPITVCHGSGISCGNAQSDAAHNALQYLKIIAERK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

60.17

Interspecies Antigen Sequence

Mouse (98); Rat (98)

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 — PRKRA

Entrez GeneID[8575](#)**GeneBank Accession#**[BC009470](#)**Protein Accession#**[AAH09470](#)**Gene Name**

PRKRA

Gene Alias

DYT16, HSD14, PACT, RAX

Gene Description

protein kinase, interferon-inducible double stranded RNA dependent activator

Omim ID[603424](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a protein kinase activated by double-stranded RNA which mediates the effect of interferon in response to viral infection. Mutations in this gene have been associated with dystonia. Alternative splicing results in multiple transcript variants. [provided by RefSeq]

Other Designations

protein activator of the interferon-induced protein kinase

Disease

- [Alcoholism](#)

- [Cardiovascular Diseases](#)
- [Conduct Disorder](#)
- [Diabetes Mellitus](#)
- [Dystonic Disorders](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Multiple Sclerosis](#)
- [Ovarian Neoplasms](#)
- [Tobacco Use Disorder](#)