

Recombinant Full Length Human PRKRA Protein, C-Flag-tagged

Cat. No. PRKRA-1175HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Human PRKRA Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.

Species

Human

Source

Mammalian Cells

Description

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

Form

25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.

Molecular Mass

34.2 kDa

AA Sequence

```
MSQSRHRAEAPPLEREDSGTFSLGKMITAKPGKTPIQVLHEYGMKTKNIPVYECERS
DVQIHVPTFTFRV TVGDITCTGEGTSKKLAKHRAAEAAINILKANASICFAVPDPLMP
DPSKQPKNQLNPIGSLQELAIHHGW RLPEYTLSQEGGPAHKREYTTICRLESFMET
GKGASKKQAKRNAAEKFLAKFSNISPENHISLTNNVVGHS LGCTWHSLRNSPGEKINL
LKRSLLSIPNTDYIQLLSEIAKEQGFNITYLDIDELSANGQYQCLAELSTSP
ITVCHGSGISCGNAQSDAAHNALQYLKIIAERKTRTRPLEQKLISEEDLAANDILDYKD
DDDKV
```

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Full Length	Full L.

GENE INFORMATION

Gene Name	PRKRA protein activator of interferon induced protein kinase EIF2AK2 [Homo sapiens (human)]
Official Symbol	PRKRA
Synonyms	RAX; PACT; DYT16; HSD14
Gene ID	8575
mRNA Refseq	NM_003690.5
Protein Refseq	NP_003681.1

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MIM 603424

UniProt ID O75569



Coomassie blue staining of purified PRKRA protein.

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