

# Recombinant Human PRKRA Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** PRKRA-654H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	PRKRA MS Standard C13 and N15-labeled recombinant protein (NP_003681) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	34.4 kDa
<b>AA Sequence</b>	MSQSRHRAEAPPLEREDSGTFLGKMITAKPGKTPIQVLHEYGMKTKNIPVYECERS DVQIHVPTFTFRVTVGDITCTGEGTSKKLAKHRAAEAAINILKANASICFAVPDPLMPD PSKQPKNQLNPIGSLQELAIHHGWRLPEYTLSQEGGPAHKREYTTICRLESFMETGK GASKKQAKRNAAEKFLAKFSNISPENHISLTVVGHSLGCTWHSLRNSPGEKINLLK RSLLSIPNTDYIQLLSEIAKEQGFNITYLDIDELSANGQYQCLAELSTSPITVCHGSGIS CGNAQSDAAHNALQYLKIIAERKTRTRPLEQKLISEEDLAANDILDYKDDDDKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** PRKRA protein activator of interferon induced protein kinase EIF2AK2 [ Homo sapiens (human) ]

**Official Symbol** PRKRA

**Synonyms** PRKRA; protein kinase, interferon-inducible double stranded RNA dependent activator; interferon-inducible double stranded RNA-dependent protein kinase activator A; DYT16; HSD14; PACT; protein activator of the interferon induced protein kinase; RAX; PKR-associated protein X; PKR-associating protein X; protein activator of the interferon-induced protein kinase; protein kinase, interferon-inducible double stranded RNA-dependent activator;

**Gene ID** 8575

**mRNA Refseq** NM\_003690

**Protein Refseq** NP\_003681

**MIM** 603424

**UniProt ID** O75569

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SDS-PAGE



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