

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

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

SPECIFICATION

Product Overview	PRKRA MS Standard C13 and N15-labeled recombinant protein (NP_003681) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	34.4 kDa
AA Sequence	MSQSRHRAEAPPLEREDSGTFSLGKMITAKPGKTPIQVLHEYGMKTKNIPVYECERS DVQIHVPTFTFRVTVGDITCTGEGTSKKLAKHRAAEAAINILKANASICFAVPDPLMPD PSKQPKNQLNPIGSLQELAIHHGWRLPEYTLSQEGGPAHKREYTTICRLESFMETGK GASKKQAKRNAAEKFLAKFSNISPENHISLTNVVGHSLGCTWHSLRNSPGEKINLLK RSLLSIPNTDYIQLLSEIAKEQGFNITYLDIDELSANGQYQCLAELSTSPITVCHGSGIS CGNAQSDAAHNALQYLKIIAERKTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	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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