

## Product datasheet for PH300578

### PRKRA (NM\_003690) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	PRKRA MS Standard C13 and N15-labeled recombinant protein (NP_003681)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200578
Predicted MW:	34.4 kDa
Protein Sequence:	>RC200578 protein sequence Red=Cloning site Green=Tags(s)  MSQSRHRAEAPPLEREDSGTFSLGKMITAKPGKTIQVLHEYGMKTKNIPVYECERSDVQIHVPTFTFRV TVGDITCTGEGTSKLLAKHRAAEAAINILKANASICFAVPDPLMPDPSKQPKNQLNPIGSLQELAIHHGW RLPEYTLSEQEGPAHKREYTTICRLESFMETGKGASKKQAKRNAAEKFLAKFSNISPENHISLTVNVGHS LGCTWHSRLRNSPGEKINLLKRSLLSIPNTDYIQLLSEIAKEQGFNITYLDIDELSANGQYQCLAELSTSP ITVCHGSGISCGNAQSDAAHNALQYLKIIAERK  TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u><a href="#">NP_003681</a></u>
RefSeq Size:	1826
RefSeq ORF:	939
Synonyms:	DYT16; HSD14; PACT; RAX
Locus ID:	8575



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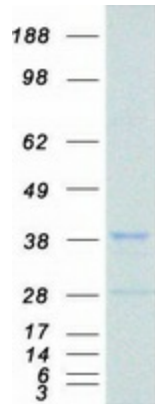
UniProt ID: [O75569](#)

Cytogenetics: 2q31.2

Summary: 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. [provided by RefSeq, Nov 2008]

Protein Families: Druggable Genome

### Product images:



Coomassie blue staining of purified PRKRA protein (Cat# [TP300578]). The protein was produced from HEK293T cells transfected with PRKRA cDNA clone (Cat# [RC200578]) using MegaTran 2.0 (Cat# [TT210002]).