

Recombinant Mouse Pkia Protein, Myc/DDK-tagged

Cat. No. Pkia-4885M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length protein kinase inhibitor, alpha (Pkia), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Extremely potent competitive inhibitor of cAMP-dependent protein kinase activity, this protein interacts with the catalytic subunit of the enzyme after the cAMP-induced dissociation of its regulatory chains.
Molecular Mass	8 kDa
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 after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Pkia protein kinase inhibitor, alpha [Mus musculus (house mouse)]
Official Symbol	Pkia
Synonyms	Pkia; protein kinase inhibitor, alpha; PK; AI415001; PKIalpha; cAMP-dependent protein kinase inhibitor alpha; PKI-alpha
Gene ID	18767
mRNA Refseq	NM_008862
Protein Refseq	NP_032888
UniProt ID	P63248

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