

# Recombinant Human PKIA Protein, His-tagged

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

## SPECIFICATION

|                         |                                                                                                                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PKIA, transcript variant 2, fused with His tag at N-terminal was expressed in E. coli.                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                           |
| <b>Source</b>           | E.coli                                                                                                                                                                                                          |
| <b>Description</b>      | 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. |
| <b>Form</b>             | 25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1 % Sarkosyl.                                                                                                                                                      |
| <b>Molecular Mass</b>   | 7.8 kDa                                                                                                                                                                                                         |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                     |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                |

## GENE INFORMATION

|                        |                                                                                  |
|------------------------|----------------------------------------------------------------------------------|
| <b>Gene Name</b>       | PKIA protein kinase (cAMP-dependent, catalytic) inhibitor alpha [ Homo sapiens ] |
| <b>Official Symbol</b> | PKIA                                                                             |

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|                |             |
|----------------|-------------|
| Synonyms       | PRKACN1     |
| Gene ID        | 5569        |
| mRNA Refseq    | NM_181839.2 |
| Protein Refseq | NP_862822.1 |
| MIM            | 606059      |
| UniProt ID     | P61925      |

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