

## Product datasheet for **TP760478**

### PKI alpha (PKIA) (NM\_181839) Human Recombinant Protein

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Recombinant Proteins  |
| Description:                          | Purified recombinant protein of Human protein kinase (cAMP-dependent, catalytic) inhibitor alpha (PKIA), transcript variant 2, with N-terminal HIS tag, expressed in E.Coli, 50ug |
| Species:                              | Human   |
| Expression Host:                      | E. coli   |
| Expression cDNA Clone or AA Sequence: | A DNA sequence encoding human full-length PKIA  |
| Tag:                                  | N-His   |
| Predicted MW:                         | 7.8 kDa   |
| Concentration:                        | >0.05 µg/µL as determined by microplate BCA method  |
| Purity:                               | > 80% as determined by SDS-PAGE and Coomassie blue staining   |
| Buffer:                               | 25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol  |
| Note:                                 | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.                              |
| Storage:                              | Store at -80°C.   |
| Stability:                            | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                     |
| RefSeq:                               | <a href="#">NP_862822</a>   |
| Locus ID:                             | 5569  |
| UniProt ID:                           | <a href="#">P61925</a> , <a href="#">A0A024R7Y9</a>   |
| RefSeq Size:                          | 4072  |
| Cytogenetics:                         | 8q21.13   |
| RefSeq ORF:                           | 228   |
| Synonyms:                             | PRKACN1   |



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**Summary:**

The protein encoded by this gene is a member of the cAMP-dependent protein kinase (PKA) inhibitor family. This protein was demonstrated to interact with and inhibit the activities of both C alpha and C beta catalytic subunits of the PKA. Alternatively spliced transcript variants encoding the same protein have been reported. [provided by RefSeq, Jul 2008]

**Protein Families:**

Druggable Genome

**Product images:**