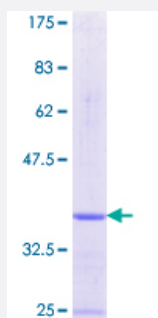


PKIA (Human) Recombinant Protein (Q01)

Catalog # H00005569-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PKIA partial ORF (NP_006814.1, 1 a.a. - 76 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MTDVETTYADFIASGRTGRRNAIHDILVSSASGNSNELALKLAGLDINKTEGEEDAQRSSTEQSGE AQGEAAKSES
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	34.1
Interspecies Antigen Sequence	Mouse (97); Rat (97)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — PKIA

Entrez GeneID [5569](#)

GeneBank Accession# [NM_006823](#)

Protein Accession# [NP_006814.1](#)

Gene Name PKIA

Gene Alias PRKACN1

Gene Description protein kinase (cAMP-dependent, catalytic) inhibitor alpha

Omim ID [606059](#)

Gene Ontology [Hyperlink](#)

Gene 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]

Other Designations PKI-alpha|cAMP-dependent protein kinase inhibitor alpha

Disease

- [Bipolar Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)