

Recombinant Full Length Human PRKAR1A protein, His-tagged

Cat. No. PRKAR1A-333H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human PRKAR1A protein(P10644) (Met1-Val381) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-381 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% glycerol, pH 7.4.
Molecular Mass	The recombinant human PRKAR1A consists of 391 amino acids and predicts a molecular mass of 44.3 KDa. It migrates as an approximately 47 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 85 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name PRKAR1A protein kinase, cAMP-dependent, regulatory, type I, alpha (tissue specific extinguisher 1) [Homo sapiens]

Official Symbol PRKAR1A

Synonyms PRKAR1A; protein kinase, cAMP-dependent, regulatory, type I, alpha (tissue specific extinguisher 1); PRKAR1, TSE1; cAMP-dependent protein kinase type I-alpha regulatory subunit; tissue-specific extinguisher 1; protein kinase A type 1a regulatory subunit; cAMP-dependent protein kinase regulatory subunit RIalpha; cAMP-dependent protein kinase type I-alpha regulatory chain; CAR; CNC; CNC1; PKR1; TSE1; ADOHR; PPNAD1; PRKAR1; MGC17251; DKFZp779L0468;

Gene ID 5573

mRNA Refseq NM_002734

Protein Refseq NP_002725

MIM 188830

UniProt ID P10644

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA