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## Product Datasheet

### Recombinant Human PRKAR1A (C-6His) EBT-EPT222

Artikelname	Recombinant Human PRKAR1A (C-6His)
Artikelnummer	EBT-EPT222
Hersteller Artikelnummer	EPT222
Alternativnummer	EBT-EPT222-50
Hersteller	ELK Biotechnology
Kategorie	Proteine/Peptide
Produktbeschreibung	Recombinant Human cAMP-dependent Protein Kinase Regulatory Type I-alpha is produced by our Mammalian expression system and the target gene encoding Glu2-Val381 is expressed with a 6His tag at the C-terminus....
Molekulargewicht	Molecular weight: 44 KDa. Apparent molecular weight: 45-55 KDa, reducing conditions
UniProt	<a href="#">P10644</a>
Reinheit	Greater than 95% as determined by reducing SDS-PAGE.

Anwendungsbeschreibung	<p>Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test. Background: cAMP-dependent protein kinase type I-alpha regulatory subunit is an enzyme that in humans is encoded by the PRKAR1A gene. cAMP is a signaling molecule important for a variety of cellular functions. cAMP exerts its effects by activating the cAMP-dependent protein kinase A (PKA), which transduces the signal through phosphorylation of different target proteins. Four different regulatory subunits and three catalytic subunits of PKA have been identified in humans. The protein encoded by this gene is one of the regulatory subunits. This protein was found to be a tissue-specific extinguisher that down-regulates the expression of seven liver genes in hepatoma x fibroblast hybrids.</p>
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