

Protein Kinase A regulatory subunit-1 alpha Human Recombinant

Item Number	rAP-1651
Synonyms	cAMP-dependent protein kinase type I-alpha regulatory subunit, Tissue-specific extinguisher 1, TSE1, PRKAR1A, PKR1, PRKAR1, CAR, CNC, CNC1, PKR1, ADOHR, PPNAD1, ACRDYS1.
Description	PKA regulatory subunit I alpha Human Recombinant is a dimeric 86kDa protein (the monomer is 381 aa 43kDa). PKAR-I alpha is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P10644
Amino Acid Sequence	
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. PKAR-Ia should be stored at 4°C if entire vial will be used within 2-4 weeks. For long term storage it is recommended to store at -20°C. Avoid multiple freeze-thaw cycles.
Formulation and Purity	PKA regulatory subunit-I alpha is supplied at a concentration of 1.3 mg/ml in 20mM MOPS (pH 7.0), 150mM NaCl, 1mM 2-mercaptoethanol and 50% glycerol. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**