

# PKACa2- R1a2 Recombinant Protein



RPPB2612

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## Product Information    Protein Information

**Product SKU:**

RPPB2612

**Host:**

Escherichia Coli.

**Protein description:**

Inactive holoenzyme consisting of one dimeric regulatory subunit type I alpha and two monomeric catalytic subunits (cAMP-free). Protein Kinase A Recombinant is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered clear solution.

**Synonyms:**

Protein Kinase A holoenzyme type I alpha, PKACa2- R1a2.

**Formulation:**

PKA holoenzyme type-I alpha is supplied in 50% glycerol.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Stability:**

PKA 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.

**Biological Activity:**

Holoenzyme can be activated by adding the second messenger cAMP (Activation constant about 100nM) releasing two monomeric catalytic subunits.