

# Human PRKAG1 Recombinant Protein



RPPB2634

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## Product Information    Protein Information

**Product SKU:**

RPPB2634

**Accession:**

P54619

**Host:**

Escherichia Coli.

**Protein description:**

PRKAG1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 354 amino acids (1-331) and having a molecular mass of 40.0kDa. PRKAG1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered clear solution.

**Synonyms:**

Protein Kinase AMP-Activated Gamma 1 Non-Catalytic Subunit, 5'-AMP-Activated Protein Kinase Subunit Gamma-1, AMPK Gamma1 Chain, AMPKg.

**Formulation:**

The PRKAG1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.

**Purity:**

Greater than 85.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MGSMETVISS DSSPAVENEH PQETPESNNS VYTSFMKSHR CYDLIPTSSK  
LVVFDTSLQV KKAFFALVTN GVRAAPLWDS KKQSFVGMILT IDFINILHR YYKSALVQIY ELEEHIETW  
REVYLQDSFK PLVCISPNAS LFDVAVSSLIR NKIHRPVID PESGNTLYIL THKRILKFLK LFITEFPKPE FMSKSLEELQ  
IGTYANIAMV RTTTPVYVAL GIFVQHRVSA LPVVDEKGRV VDIYSKFDVI NLAAEKTYNN LDVSVTKALQ  
HRSHYFEGVL KCYLHETLET IINRLVEAEV HRLVVVDEND VVKGIVSLSD ILQALVLTGG EKKP