

Recombinant Human PRKAG1 protein, His-tagged

Cat. No. PRKAG1-2793H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRKAG1 protein(164-321 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	164-321 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	LYILTHKRILKFLKLFITEFPKPEFMSKSLEELQIGTYANIAMVRTTTPVYVALGIFVQHR VSALPVVDEKGRVVDIYSKFDVINLAAEKTYYNNLDVSVTKALQHRSHYFEGVLKCYL HETLETIINRLVEAEVHRLVVVDENDVVKGIVSLSDILQA
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	PRKAG1 protein kinase, AMP-activated, gamma 1 non-catalytic subunit [Homo sapiens]
Official Symbol	PRKAG1
Synonyms	PRKAG1; protein kinase, AMP-activated, gamma 1 non-catalytic subunit; 5-AMP-activated protein kinase subunit gamma-1; AMPK gamma1; AMPK gamma-1 chain; 5-AMP-activated protein kinase, gamma-1 subunit; AMPKG; MGC8666;
Gene ID	5571
mRNA Refseq	NM_001206709
Protein Refseq	NP_001193638
MIM	602742
UniProt ID	P54619

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