

Recombinant Mouse Prkag1 protein, His-tagged

Cat. No. Prkag1-4349M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Prkag1 protein(O54950)(1-330aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	1-330aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	41.6 kDa
AA Sequence	MESVAAESSPALENEHFQETPESNNSVYTSFMKSHRCYDLIPTSSKLVVFDTSLQVK KAFFALVTNGVRAAPLWDSKKQSFVGMILTITDFINILHRYYSALVQIYELEEHKIETW REVYLQDSFKPLVCISPNASLFDVSSLRNKIHRPLVIDPESGNTLYILTHKRILKFLKL FITEFPKPEFMSKSLQELQIGTYANIAMVVRTTTPVYVALGIFVQHRVSALPVVDEKGR VVDIYSKFDVINLAAEKTYNNLDVSVTKALQHRSHYFEGVLKCYLHETLETIINRLVEA EVHRLVVVDEHDVVKGIVSLSDILQALVLTGGEKKP
Purity	Greater than 85% as determined by SDS-PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name Prkag1 protein kinase, AMP-activated, gamma 1 non-catalytic subunit [Mus musculus]

Official Symbol Prkag1

Synonyms PRKAG1; protein kinase, AMP-activated, gamma 1 non-catalytic subunit; 5-AMP-activated protein kinase subunit gamma-1; AMPKg; AMPK gamma1; AMPK subunit gamma-1; Prkaac; AA571379; BB036179;

Gene ID 19082

mRNA Refseq NM_016781

Protein Refseq NP_058061

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