

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 KAFFALVTNGVRAAPLWDSKKQSFVGMLTITDFINILHRYYSALVQIYELEEHKIETW REVYLQDSFKPLVCISPNASLFDVSSLI RNKIHRLPVIDPESGNTLYILTHKRILKFLKL FITEFPKPEFM SKSLQELQIGTYANIAMVRTTTPVYVALGIFVQHRVSALPVVDEKGR VVDIYSKFDVINLAAEKTYN NLDVSVTKALQHRSHYFEGVLKCYLHETLETIINRLVEA EVHRLVVVDEHDVVKGIVSLSDILQALVLTGGEKKP
Purity	Greater than 85% as determined by SDS-PAGE.

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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