Recombinant Mouse Prkaa1 protein, His-tagged

Cat. No. Prkaa1-2312M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Prkaa1 protein(Q5EG47)(1-559aa), fused to N-terminal His tag, was expressed in Insect Cell.
Species	Mouse
Source	Insect Cells
ProteinLength	1-559aa
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	65 kDa
AA Sequence	MRRLSSWRKMATAEKQKHDGRVKIGHYILGDTLGVGTFGKVKVGKHELTGHKVAVK ILNRQKIRSLDVVGKIRREIQNLKLFRHPHIIKLYQVISTPSDIFMVMEYVSGGELFDYIC KNGRLDEKESRRLFQQILSGVDYCHRHMVVHRDLKPENVLLDAHMNAKIADFGLSN MMSDGEFLRTSCGSPNYAAPEVISGRLYAGPEVDIWSSGVILYALLCGTLPFDDDHV PTLFKKICDGIFYTPQYLNPSVISLLKHMLQVDPMKRAAIKDIREHEWFKQDLPKYLFP EDPSYSSTMIDDEALKEVCEKFECSEEEVLSCLYNRNHQDPLAVAYHLIIDNRRIMNE AKDFYLATSPPDSFLDDHHLTRPHPERVPFLVAETPRARHTLDELNPQKSKHQGVR KAKWHLGIRSQSRPNDIMAEVCRAIKQLDYEWKVVNPYYLRVRRKNPVTSTFSKMS LQLYQVDSRTYLLDFRSIDDEITEAKSGTATPQRSGSISNYRSCQRSDSDAEAQGKP

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	SDVSLTSSVTSLDSSPVDVAPRPGSHTIEFFEMCANLIKILAQ
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	Prkaa1 protein kinase, AMP-activated, alpha 1 catalytic subunit [Mus musculus]
Official Symbol	Prkaa1
Synonyms	PRKAA1; protein kinase, AMP-activated, alpha 1 catalytic subunit; 5-AMP-activated protein kinase catalytic subunit alpha-1; AMPK subunit alpha-1; tau-protein kinase PRKAA1; AMP-activated protein kinase, alpha 1 catalytic subunit; AI194361; AI450832; AL024255; AMPKalpha1; C130083N04Rik;
Gene ID	105787
mRNA Refseq	NM_001013367
Protein Refseq	NP_001013385

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