

## Recombinant Mouse Prkaa1 protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Prkaa1 protein(Q5EG47)(1-559aa), fused to N-terminal His tag, was expressed in Insect Cell.
<b>Species</b>	Mouse
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	1-559aa
<b>Form</b>	<p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>
<b>Molecular Mass</b>	65 kDa
<b>AA Sequence</b>	<p>MRRLSSWRKMATAEKQKHDGRVKIGHYILGDTLGVGTFGKVKVKGKHELTGHKVAVK          ILNRQKIRSLDVVGKIRREIQNLKLFRRPHIHKLYQVISTPSDIFMMEYVSSGGELFDYIC          KNGRLDEKESRRLFQQILSGVDYCHRHMVVHRDLKPENVLDDAHMNAKIADFLSN          MMSDGEFLRTSCGSPNYAAPEVISGRLYAGPEVDIWSSGVILYALLCGTLPFDDDHV          PTLFKKICDGIFYTPQYLNPSVISLLKHMLQVDPMKRAAIKDIREHEWFKQDLPKYLFP          EDPSYSSTMIDDEALKEVCEKFCSEEEVLSCLYNRNHQDPLAVAYHLIIDNRRIMNE          AKDFYLATSPPDSDLDDHHLTRPHPERVPFLVAETPRARHTLDELNPQKSKHQGVR          KAKWHLGIRSQSRPNDIMAEVCRAIKQLDYEWKVVNPYYLRVRRKNPVTSTFSKMS          LQLYQVDSRTYLLDFRSIDDEITEAKSGTATPQRSGSISNYRSCQRSDSDAEAQGKP</p>

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

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°C/-80°C. 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](#)

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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