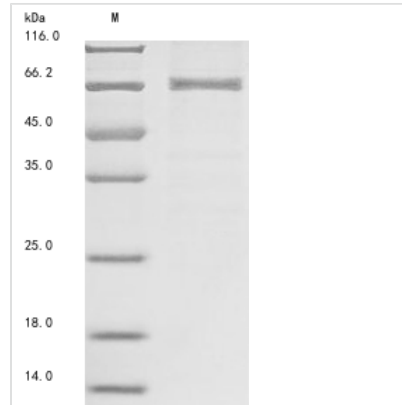




# Recombinant Mouse 5'-AMP-activated protein kinase catalytic subunit alpha-1 (Prkaa1)

<b>Product Code</b>	CSB-BP707843MO
<b>Abbreviation</b>	Recombinant Mouse Prkaa1 protein
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q5EG47
<b>Storage Buffer</b>	Tris-based buffer,50% glycerol
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	≥ 85% as determined by SDS-PAGE.
<b>Sequence</b>	MRRLSSWRKMATAEKQKHDGRVKIGHYILGDTLGVGTFGKVKVKGKHELTGHK VAVKILNRQKIRSLDVVGKIRREIQNLKLFRRHPHIIKLYQVISTPSDIFMVMMEYVS GGELFDYICKNGRLDEKESRRLFQQILSGVDYCHRHMVVHRDLKPENVLLDAH MNAKIADFGLSNMMSDGEFLRTSCGSPNYAAPEVISGRLYAGPEVDIWSGVI LYALLCGTLPFDDDHVPTLFKKICDGIFYTPQYLNPSVISLLKHMLQVDPMKRAA IKDIREHEWFKQDLPKYLPEDPSYSSTMIDDEALKEVCEKFECSEEEVLSCLY NRNHQDPLAVAYHLIIDNRRIMNEAKDFYLATSPDSDLDDHHLTRPHPERVVPF LVAETPRARHTLDELNPQKSKHQGVRKAKWHLGIRSQSRPNDIMAEVCRAIKQ LDYEWKVVNPYYLRVRRKNPVTSTFSKMSLQLYQVDSRTYLLDFRSIDDEITEA KSGTATPQRSGSISNYRSCQRSDSDAEAAQGKPSDVSLTSSVTSLDSSPVDVA PRPGSHTIEFFEMCANLIKILAQ
<b>Research Area</b>	Metabolism
<b>Source</b>	Baculovirus
<b>Target Names</b>	Prkaa1
<b>Protein Names</b>	Recommended name: 5'-AMP-activated protein kinase catalytic subunit alpha-1 Short name= AMPK subunit alpha-1 EC= 2.7.11.1 Alternative name(s): Tau- protein kinase PRKAA1 EC= 2.7.11.26
<b>Expression Region</b>	1-559aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal GST-tagged and C-terminal 6xHis-tagged
<b>Mol. Weight</b>	92.3
<b>Protein Length</b>	Full Length
<b>Image</b>	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

### Shelf Life

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