



Recombinant Mouse 5'-AMP-activated protein kinase catalytic subunit alpha-2 (Prkaa2)

Product Code	CSB-EP805325MO
Abbreviation	Prkaa2
Storage	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.
Uniprot No.	Q8BRK8
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MAEKQKHDGR VKIGHYVLGD TLGVGTFGKV KIGEHQLTGH KVAVKILNRQ KIRSLDVVGK IKREIQNLKL FRHPHIKLY QVISTPTDFF MVMEYVSGGE LFDYICKHGR VEEVEARRLF QQILSAVDYC HRHMVVHRDL KPENVLLDAQ MNAKIADFGF SNMMSDGEFL RTSCGSPNYA APEVISGRLY AGPEVDIWSC GVILYALLCG TLPFDDEHVP TLFKKIRGGV FYIPDYLNRV VATLLMHMLQ VDPLKRATIK DIREHEWFKQ DLPSYLFPEP PSYDANVIDD EAVKEVCEKF ECTESEVMNS LYSGDPQDQL AVAYHLIIDN RRIMNQASEF YLASSPPSGS FMDDSAMHIP PGLKPHPERM PPLIADSPKA RCPLDALNTT KPKSLAVKKA KWHLGIRSQS KACDIMAENV RAMKQLGFEW KVVNAYHLRV RRKNPVTGNY VKMSLQLYLV DRSYLLDFK SIDDEVVEQR SGSSTPQRSC SAAGLHRARS SFDSSTAENH SLSGSLTGSL TGSTLSSASP RLGSHMTDFF EMCASLITAL AR
Source	E.coli
Target Names	Prkaa2
Protein Names	Recommended name: 5'-AMP-activated protein kinase catalytic subunit alpha-2 Short name= AMPK subunit alpha-2 EC= 2.7.11.1
Expression Region	1-552
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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.



Shelf Life

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.