



Recombinant Mouse Glycerol kinase 2 (Gk2)

Product Code	CSB-MP009466MO
Abbreviation	Gk2
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.	Q9WU65
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	MAASKQTSAG PLVGAVVQGT NSTRFLVFNS KTAELVCSHQ VELTQEYPKE GWVEQDPKEI LKSVYECIAK ACEKLAEVNI DISNIKAIGV SNQRETTVVW DKFTGDPLYN AVVWLDLRTQ STVETLTKKI PGNSNFVFSK TGLPLSTYFS AVKLRWMLDN LRPIQKAVEE GRAMFGTIDS WLIWCMTGGV NGGIHCTDVT NACRTMLFNI HSLEWDKDL C DFFEIPMSIL PNVCSSEIY GLMTSGALEG VPISGCLGDQ SAALVGQMCF HEGQAKNTYG TGCFLLCNTG QKCVFSEHGL LTTLAYKLGK NKPVFYALEG SVAIAGAVIR WLRDNFEIIT TSGEVENLAR EVGTSYGCFY VPAFSGLYAP YWEPSARGII CGLTQFTNKC HIAFAALEAV CFQTREILDA MNRDCGIPLS HLQVDGGMTN NRILMQLQAD ILHIPVVKSV MPETTALGAA MAAGAAEGVN VWSLEPEDLS TILMERYEPQ IQATESEIRF STWKRAVMKS MGWVTAKDPE NGDNPVFSCL PLGFFIVSSM TLLIGARCVS TAAE
Source	Mammalian cell
Target Names	Gk2
Protein Names	Recommended name: Glycerol kinase 2 Short name= GK 2 Short name= Glycerokinase 2 EC= 2.7.1.30 Alternative name(s): ATP:glycerol 3- phosphotransferase 2 Glycerol kinase, testis specific 2
Expression Region	1-554
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.



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