



# Recombinant Human Glycerol kinase 2 (GK2)

<b>Product Code</b>	CSB-MP009466HU
<b>Abbreviation</b>	GK2
<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>	Q14410
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MAAPKTAAVG PLVGAVVQGT NSTRFLVFNS KTAELLSHHK VELTQEFPE GWVEQDPKEI LQSVYECIAR TCEKLDELNI DISNIKAVGV SNQRETTVIW DKLTGEPLYN AVVWLDLRTQ TTVEDLSKKI PGNSNFVFSK TGLPLSTYFS AVKLRWMLDN VRNVQKAVEE GRALFGTIDS WLIWSLTGGV NGGVHCTDVT NASRTMLFNI HSLEWDKELC DFFEIPMDLL PNVFSSSEIY GLIKTGALEG VPISGCLGDQ CAALVGQMCF QEGQAKNTYG TGCFLLCNTG RKC VFSEHGL LTTVAYKLGR EKPAYALEG SVAIAGAVIR WLRDNLGIIIE TSGDIERLAK EVGTSYGCFY VPAFSGLYAP YWEPSARGIL CGLTQFTNKC HIAFAALEAV CFQTREILEA MNRDCGIPLR HLQVDGGMTN NKVLMQLQAD ILHIPVIKPF MPETTALGAA MAAGAAEGVS VWSLEPQALS VLRMERFEPQ IQATESEIRY ATWKKAVMKS MGWVTSQSPE GGDPSIFSSL PLGFFIVSSM VMLIGARYIS GVP
<b>Source</b>	Mammalian cell
<b>Target Names</b>	GK2
<b>Protein Names</b>	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
<b>Expression Region</b>	1-553
<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>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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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