



Recombinant Human Glycerol kinase 2 (GK2)

Product Code	CSB-BP009466HU
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.	Q14410
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MAAPKTAAVG PLVGAVVQGT NSTRFLVFNS KTAELLSHHK VELTQEFPE GWVEQDPKEI LQSVYECIAR TCEKLDELNI DISNIKAVGV SNQRETTVIW DKLTGEPLYN AVVWLDLRTQ TTVEDLSKKI PGNSNFVSKS 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
Source	Baculovirus
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	1-553
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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