Recombinant Human N-acetylgalactosamine kinase (GALK2)

Product Code	CSB-EP009199HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q01415
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MATESPATRR VQVAEHPRLL KLKEMFNSKF GSIPKFYVRA PGRVNIIGEH IDYCGYSVLP MAVEQDVLIA VEPVKTYALQ LANTNPLYPD FSTSANNIQI DKTKPLWHNY FLCGLKGIQE HFGLSNLTGM NCLVDGNIPP SSGLSSSSAL VCCAGLVTLT VLGRNLSKVE LAEICAKSER YIGTEGGGMD QSISFLAEEG TAKLIEFSPL RATDVKLPSG AVFVIANSCV EMNKAATSHF NIRVMECRLA AKLLAKYKSL QWDKVLRLEE VQAKLGISLE EMLLVTEDAL HPEPYNPEEI CRCLGISLEE LRTQILSPNT QDVLIFKLYQ RAKHVYSEAA RVLQFKKICE EAPENMVQLL GELMNQSHMS CRDMYECSCP ELDQLVDICR KFGAQGSRLT GAGWGGCTVS MVPADKLPSF LANVHKAYYQ RSDGSLAPEK QSLFATKPGG GALVLLEA
Source	E.coli
Target Names	GALK2
Protein Names	Recommended name: N-acetylgalactosamine kinase EC= 2.7.1.157 Alternative name(s): GalNAc kinase Galactokinase 2
Expression Region	1-458
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
Target Details	This gene encodes a highly efficient N-acetylgalactosamine (GalNAc) kinase, which has galactokinase activity when galactose is present at high concentrations. Two alternatively spliced transcript variants encoding different isoforms have been found for this gene.
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.