



Recombinant *Saccharomyces cerevisiae* Hexokinase-2 (HXK2)

Product Code	CSB-EP010469SVG-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P04807
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	VHLGPKKPQ ARKGSMADVP KELMQQIENF EKIFTVPTET LQAVTKHFIS ELEKGLSKKG GNIPMIPGWV MDFPTGKESG DFLAIDLGGT NLRVVLVKLG GDRTFDTTQS KYRLPDAMRT TQNPDELWEF IADSLKAFID EQFPQGISEP IPLGFTFSFP ASQNKINEGI LQRWTKGFDI PNIEHHDVVP MLQKQITKRN IPIEVVALIN DTTGTLVASY YTDPETKMGV IFGTGVNGAY YDVCSDIEKL QGKLSDDIPP SAPMAINCEY GSFENEHVVL PRTKYDITID EESPRPGQQT FEKMSSGYL GEILRLALMD MYKQGFIFKN QDLSKFDKPF VMDTSYPARI EEDPFENLED TDDLQNEFG INTTVQERKL IRRLSELIGA RAARLSVCGI AAICQKRGYK TGHIAADGSV YNRYPGFKEK AANALKDIYG WTQTSRDDYP IKIVPAEDGS GAGAAVIAAL AQKRIAEGKS VGIIGA
Source	E.coli
Target Names	HXK2
Protein Names	Recommended name: Hexokinase-2 EC= 2.7.1.1 Alternative name(s): Hexokinase PII Hexokinase-B
Expression Region	2-486
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 of Mature 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.