



Recombinant *Oryza sativa* subsp. japonica Hexokinase-1 (HXK1)

Product Code	CSB-YP843062OFG
Abbreviation	HXK1
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.	Q8LH82
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. japonica (Rice)
Purity	≥85% (SDS-PAGE)
Sequence	MAAAVAADQ KVVMTSLRE GCACAAPPAA AAPMPKMAA AQRVVAELRE ACATPAARLA EVAAAMAGEM EAGLAVEGGS SEMKMIVSYV DSLPTGGEEG SYIALDLGGT NFRVLRVRLA GGGVAERVAR EVPIPPGLMS GGGATSECLF GFIASALAEF VGEEEEEGGL DGGERELGFT FSFPVHQTSI ASGTLIRWTK AFAVDDAIGE DVVAALQAAM SERGLDMRVS ALINDTVGTL AAGSYYDEDV VAAVILGTGT NAAYVEDATA IAKLHPSQLP ASNTMVINTE WGSFASPCLP LTEFDEALDQ ESLNPGEQTY EKLISGMYLG EIVRRVLLKI SSRCPSSLGG AGELATPFVL RTPDVSAMHH DETPDLSIVG EKLERTLGIR GTSPEARARMV VEVCDIVATR AARLAAAGIV GILKKIGRVD GGEGRRRRSV VAVDGGGLFEH YGFRRRCMES AVRELLGEAA AERVVVKLAS DGSGLGAALV AAAHSQRA
Source	Yeast
Target Names	HXK1
Protein Names	Recommended name: Hexokinase-1 EC= 2.7.1.1
Expression Region	1-498
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. 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.