



Recombinant *Oryza sativa* subsp. *japonica* Hexokinase-2 (HXK2)

Product Code	CSB-EP642550OFG-B
Abbreviation	HXK2
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.	Q2KNB9
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)
Purity	>85% (SDS-PAGE)
Sequence	MRKAAAAAVA AAAAVGVALL VRRQLREAKR WGRADAVLRE LEERCAAPPG RLRQVADAMA VEMHAGLASE GGSCLKMIIS YVDALPSGEE KGVFYALDLG GTNFRVLRVQ LGGKEGRVIK QEHEISIPP HLMTGGSNEL FDFIASSLAK FVASEGEDFH LAEGRQRELG FTFSFPVKQT SIASGTLINW TKGFSIDETV GEDVVELTK ALERQGLDMK VTALINDTIG TLAGGRYDDN DVIAAVILGT GTNAAYVERA NAIPKWHDLL PKSGDMVINM EWGNFRSSHL PLTEFDQALD AESLNPGEQV YEKLISGMYL GEIVRRVLLK MAEEASLFGD EVPPKLIKIPF IIRTPYMSMM HCDRSPDLRT VGAKLKDILG VQNTSLKTRR LVVDVCDIVA KRAAHLAAAG IHGILKKLGR DVPNTDKQRT VIAVDGGLYE HYTIFAECVE STLRDMLGED VSSTIVIKLA KDGSGIGAAL LAAHSQYRE AEEL
Source	E.coli
Target Names	HXK2
Protein Names	Recommended name: Hexokinase-2 EC= 2.7.1.1 Alternative name(s): Hexokinase-3
Expression Region	1-494
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.