



Recombinant *Oryza sativa* subsp. *japonica* Hexokinase-4, chloroplastic (HXK4)

Product Code	CSB-BP751129OFG
Abbreviation	HXK4
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.	Q6Z398
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)
Purity	>85% (SDS-PAGE)
Sequence	CSA VAPTSIAPI LADLRLRCAA PLPVLRRVAD AMASGMRAGL ADDGAGELKM IPSHVYSLPT GNETGLFYAL DLGGTNFRVL RVQLGGKDKR IIDTEFEQVS IPREIMHGIT EDLFDFIASG LSRFVATEGD KFHLPPQGRKR ELGFTFSFPV NQTSIDSGIL IKWTKGFAVS GTAGKDVVAC LNAAMERQGL DMRVSALVND TVGTLAGARY WDDVVMVAVI LGTGTNACYI QRTEAIPKLQ HLKLETGNTI INTEWGAFSD GLPLTEFDRE MDDESINPGE QIFEKTISGM YLGEIVRRVL VKMAEVSDLF GHSFPKLA E PFVLRTPHLC AMQQDTSNLL GEVESILSDV IGVSQASLLA RRVTVEVSDC IIRGGRLAG AGIVGILEKM ENDSRGHIFG RRTVVAMDGG LYEKYPQYRR YMKEAVAELL GPERSNRIAI EHTKDGSGIG AALLAAANSK YAAAQISTR
Source	Baculovirus
Target Names	HXK4
Protein Names	Recommended name: Hexokinase-4, chloroplastic EC= 2.7.1.1 Alternative name(s): Hexokinase II
Expression Region	38-509
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.