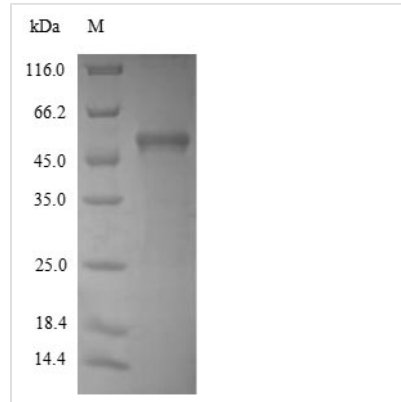




Recombinant *Saccharomyces cerevisiae* Hexokinase-1 (HXK1), partial

Product Code	CSB-YP010468SVG
Abbreviation	Recombinant <i>Saccharomyces cerevisiae</i> HXK1 protein, partial
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.	P04806
Alias	Hexokinase PI Hexokinase-A
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	VHLGPKKPQARKGSMADVPKELMDEIHQLEDMFTVDSETLRKVVKHFIDELNK GLTKKGGNIPMIPGWVMEFPTGKESGNYLAI DLGGTNLRVVLVKLSGNHTFDT TQSKYKLPHDMRTTKHQEELWSFIADSLKDFMVEQELLNTKDTLPLGFTFSYP ASQNKINEGILQRWTKGFDIPNVEGH DVVPLLQNEISKRELPIEIVALINDTVGTL IASYYTDPETKMGVIFGTGVNGAFYDVVSDIEKLEGKLADDIPSNSPMAINCEY GSFDNEHLVLPRTKYDVAVDEQSPRPGQQAFEKMTSGYYLGELLRLVLELNE KGLMLKDQDLSK LKQPYIMDTSYPARIEDDPFENLEDTDDIFQKDFGVKTTLPE RKLIRRLCELIGTRAARLAVCGIAAICQKRGYKTGHIAADGSVYNKYPGFKEAAA KGLRDIYGWTGDASKDPITIVPAEDGSGAGAAVIAALSEKRIAEGKSLGIIGA
Research Area	Others
Source	Yeast
Target Names	HXK1
Protein Names	Recommended name: Hexokinase-1 EC= 2.7.1.1 Alternative name(s): Hexokinase PI Hexokinase-A
Expression Region	2-485aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	55.6kDa
Protein Length	Partial
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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

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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.