

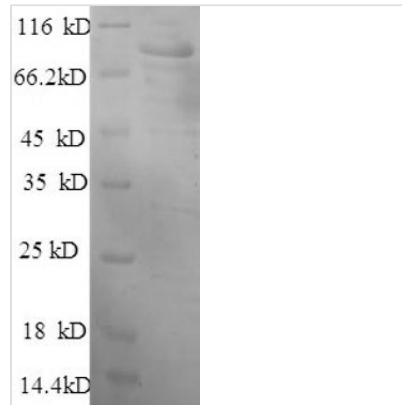


Recombinant Human Hexokinase-1 (HK1)

Product Code	CSB-EP010468HU
Abbreviation	Recombinant Human HK1 protein
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.	P19367
Alias	Brain form hexokinaseHexokinase type I ;HK I
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MIAAQLLAYFTELKDDQVKKIDKLYAMRLSDETLIDIMTRFRKEMKNGLSRD FNPTATVKMLPTFVRSIPDGSEKGFIALDLGGSSFRILRVQVNHEKNQNVHM ESEVYDTPENIVHGSGSQLFDHVAECLGDFMEKRKIKDKKLPVGFTFSPFCQQ SKIDEAILITWTKRFKASGVEGADVVKLLNKAIKKRGDYDANIVAVVNDTVGTM MTCGYDDQHCEVGLIIGTGTNACYMEELRHIDLVEGDEGRMCINTEWGAFGD DGSLEDIRTEFDREIDRGSLSNPGKQLFEKMVSGMYLGELVRLILVKMAKEGLLF EGRITPELLTRGKFNTSDVSAIEKNKEGLHNAKEILTRLGVEPSDDDCVSVQHV CTIVSFRSANLVAATLGAILNRLRDNKGTPRLRRTTVGVDGSLYKTHPQYSRRFH KTLRRLVPDSDVRFLLESSESGSGKGAAMVTAVAYRLAEQHRQIEETLAHFHLTK DMLLEVKKRMRAEMELGLRKQTHNNAVVKMLPSFVRRTPDGTENGDFLALDL GGTNFRVLLVKIRSGKKRTVEMHNKIYAIPIEQGTGEELFDHIVSCISDFLDY MGIKGPRMPLGFTFSFPCQQTSLDAGILITWTKGFKATDCVGHVVTLLRDAIK RREEFDLDVVAVVNDTVGTMTCAYEEPTCEVGLIVGTGSNACYMEEMKNVE MVEGDQGMCMINMEWGAFGDNGCLDDIRTHYDRLVDEYSLNAGKQRYEKMI SGMYLGEIVRNILIDFTKKGFLFRGQISETLKTRGIFETKFLSQIESDRLALLQVR AILQQGLNSTCDDSIKTVCGVVSRRAAQLCGAGMAAVVDKIRENRGLDRL NVTVGVDGTLYKLPHFHSRIMHQTVKELSPKCNVSFLLSEDSGSGKGAALITAV GVRLRTEASS
Research Area	Metabolism
Source	E.coli
Target Names	HK1
Expression Region	1-917aa
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	106.5kDa
Protein Length	Full Length



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

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.