

Product Datasheet

Human HK1 protein (orb244272)

Description

Recombinant human Hexokinase-1

Endotoxins

Not test.

Preservatives

If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.

Form/Appearance

Liquid or Lyophilized powder

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.

Tag

N-terminal 6xHis-tagged

Note

For research use only

Application notes

Full length of His-tag and expression region is 1-917aa

Protein Sequence

MIAAQLLAYFYTELKDDQVKKIDKYLYAMRLSDETLIDIMTRFRKEMKNGLSRDFN
PTATVKMLPTFVRSIPDGSEKGDFFIALDLGGSSFRILRVQVNHKQNVHMESEV
YDTPENIVHSGSGLFDHVAECLGDFMEKRKIDKKLPGFTFSFPCQSKIDEAI
LITWTKRFKASGVEGADVVKLLNKAIKKRGDYDANIVAVVNDTVGTMTCGYDD
QHCEVGLIIGTGTNACYMEELRHIDLVEGDEGRMCINTEWGAFGDDGSLEDIRT
EFDREIDRGS LNPGKQLFEKMSVGMVGLVRLILVKMAKEGLLFEGRITPELLTR
GKFNTSDVSAIEKNKEGLHNAKEILRLGVPSDDDCVSVQHVCIVSFRSANLV
AATLGAILNRLRDNKGTPRLRTTVGVDGSLYKTHPQYSRRFHKTLRRLVPDSDVR
FLLSESGSGKGAAMVTAVAYRLAEQHRQIEETLAHFHLTKDMLLEVKKRMRAEM
ELGLRKQTHNNAVVKMLPSFVRRTPDGTENGDFLALDLGGTNFRVLLVKIRSGK
KRTVEMHNKIYAIPIEMQGTGEELFDHIVSCISDFLDYMGIGPRMPLGFTFSFPC
QQTSLDAGILITWTKGFKATDCVGHVVTLLRDAIKRREEDLDVVAVVNDTVG
TMTCAYEPTCEVGLIVGTGSNACYMEEMKNVEMVEGDQGMCMINMEWGAF
GDNGCLDDIRTHYDRLVDEYSLNAGKQRYEKMISGMYLGEIVRNILIDFTKKGFLF
RGQISETLKTGIFETKFLSQIESDRLALLQVRAILQQLGLNSTCDDSIKTVCGV
VSRRAAQLCGAGMAAVVDKIRENRGLDRLNVTVGVDGTYKLHPHFSRIMHQT
VKELSPKCNVSFLLSEDSGSGKAALITAVGVRLRTEASS

Purity

Greater than 90% as determined by SDS-PAGE.

Source

E.coli

MW

106.5 kDa

Uniprot ID

P19367

Expiration Date

6 months from date of receipt.