

Recombinant Human Hexokinase-1(HK1)

Catalog No: #AP70394

Package Size: #AP70394-1 20ug #AP70394-2 100ug #AP70394-3 1mg

Description

Product Name	Recombinant Human Hexokinase-1(HK1)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-917aaSequence Info:Full Length
Other Names	Brain form hexokinaseHexokinase type I ;HK I
Accession No.	P19367
Calculated MW	106.5 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MIAAQLLAYFTELKDDQVKKIDKYLYAMRLSDETLIDIMTRFRKEMKNGLSRDFNPTATVKMLPTFVRSIPDGS EKGDFIALDLGGSSFRILRVQVNHEKNQNVHMESEVYDTPENIVHSGSGLFDHVAECLGDFMEKRKIKDKKL PVGFTFSFPCQQSKIDEAILITWTKRFKASGVEGADVVKLLNKAIKKRGDYDANIVAVVNDTVGTMMTTCGYDD QHCEVGLIIGTGTCNACYMEELRHIDLVEGDEGRMCINTEWGAFGDDGSLEDIRTEFDREIDRGS LNPGKQLFE KMOVSGMYLGELVRLILVKMAKEGLLFEGRITPELLTRGKFNTSDVSAIEKNKEGLHNAKEILTRLGVEPSDDDC VSVQHVCITVFSFRSANLVAATLGAILNRLRDNKGTPRLRTTVGVGDSLYKTHPQYSRRFHKTLRRLVPDSDVR FLLSESGSGKGAAMVTAVAYRLAEQHRQIEETLAHFHLTKDMLLEVKKRMRAEMELGLRKQTHNNNAVVKMLP SFVRRTPDGTENGDFLALDLGGTNFRVLLVKIRSGKKRTVEMHNKIYAIPIEIMQGTGEELFDHIVSCISDFLDY MGIGKPRMPLGFTFSFPCQQTSLDAGILITWTKGFKATDCVGHVVTLLRDAIKRREEFDLDVAVVNDTVGT MMTCAEYEPTCEVGLIVGTGSNACYMEEMKNVEMVEGDQGMCMINMEWGAFGDNGCLDDIRTHYDRLVDE YSLNAGKQRYEKMISGMYLGEIVRNILIDFTKKGFLFRGQISETLKTRGIFETKFLSQIESDRLALLQVRAILQQLG LNSTCDD SILVKTVCGVVSRRAAQLCGAGMAAVVDKIRENRGLDRLNVTGVGDGTLYKLHPHFSRIMHQTVKE LSPKCNVSFLLSEDGSGKGAALITAVGVRLRTEASS
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

References

PKCepsilon promotes oncogenic functions of ATF2 in the nucleus while blocking its apoptotic function at mitochondria.Lau E., Kluger H., Varsano T., Lee K., Scheffler I., Rimm D.L., Ideker T., Ronai Z.A.Cell 148:543-555(2012)Research Topic:Metabolism

Note: This product is for in vitro research use only and is not intended for use in humans or animals.