

# Recombinant Human PFKP Protein Product Manual

## 1. Product Basic Information

**Product No.:** REP07772

**Protein Name:** PFKP

**Aliases:** PFKF; PFK-PFK-ATP-PFK; phosphohexokinase

**UniProt ID:** Q01813

**UniProt Link:** <https://www.uniprot.org/uniprotkb/Q01813/entry>

**Species Source:** Homo sapiens (Human)

**Expression System:** Yeast

**Protein Length:** Full Length (1-784)

**Molecular Weight:**

**Protein Tag:** Tag type will be determined during the manufacturing process. The tag type will be determined during production process. If you have specified tag type, please tell us and we will develop the specified tag preferentially.

## 2. Amino Acid Sequence (1-784)

MDADDSRAPKGLRKFLEHLGAGKAIGVLTSGGDAQGMNAAVRAVVRMGIYVGA  
KVYFIYEGYQGMVDGGSNIAEADWESVSSILQVGGTIIGSARCQAFRTREGRLKAA  
CNLLQRGITNLCVIGGDGSLTGANLFRKEWGLLEELARNGQIDKEAVQKYAYLNVV  
GMVGSIDNDFCGTDMTIGTDSALHRIIEVVDAIMTTAQSHQRTFVLEVMGRHCGYLA  
LVSALACGADWVFLPESPPEEGWEEQMCVKLSENRAKRLNIIVAEGAIDTQNKP  
ITSEKIKELVVTQLGYDTRVTILGHVQRGGTPSAFDRILASRMGVEAVIALLEATPDTP  
ACVVSLNGNHAVRLPLMECVQMTQDVQKAMDERRFQDAVRLRGRSFAGNLNTYK  
RLAIKLPDDQIPKTNCNVAVINVGAPAAAGMNAAVRSVAVRVGIADGHRMLAIYDGFDFG  
FAKGQIKEIGWTDVGGWTGQGGGSILGTRVLPKYLEEIIATQMRTHSINALLIIGGFE  
AYLGLLELSAAREKHEEFCVPMVMVPATVSNNVPGSDFSIGADTALNTITDTCRIK  
QSASGTRRVFIIETMGGYCGYLANMGGLAAGADAAYIFEEPFDIRDLQSNVEHLTE  
KMKTTIQRGLVLRNESCSENYTTDFIYQLYSEEGKGVFDCRKNVLGHMQQGGAPS  
PFDRNFGTKISARAMEWITAKLKEARGRGKFFTTDDDSICVLGISKRNVIQFVAELKK  
QTDFEHRIPKEQWWLKLRLPLMKILAKYKASYDVSDSGQLEHVQPWSV



### 3. Storage Buffer

**Liquid Delivery Form:** Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

**Lyophilized Powder Delivery Form:** Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

### 4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

### 5. Product Description

This product is a recombinant Human PFKP full length protein (1-784) expressed in Yeast. PFKP, also known as PFKF or PFK-PFK-ATP-PFK or phosphohexokinase, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

### 6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.