

# Human HK3 Recombinant Protein



RPPB2549

## Product Information Protein Information

**Product SKU:**

RPPB2549

**Accession:**

P52790

**Host:**

Escherichia Coli.

**Protein description:**

HK-3 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain fused to His tag at the N-terminal encoding the sequence of 943 amino acids and having a molecular mass of 101.1 kDa.HXK3 is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

Hexokinase-3, EC 2.7.1.1, Hexokinase type III, HK III, HXK3, HK3.

**Formulation:**

The protein (1mg/ml) contains 20mM Tris pH 8.0 and 10% glycerol.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks.Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SSSLVPRGSH MDSIGSSGLR QGEETLSCSE EGLPGPSDSSE LVQECLQQFKVTRAQLQOI  
QASLLGSMEQ ALRGQASPAP AVRMLPTYVG STPHGTEQGD FVLELGATG ASLRVLWVTL TGIEGHRVEP  
RSQEFVIPQE VMLGAGQQLF DFAAHCLSEF LDAQPVNKQGLQLGFSFSP CHQTGLDRST LISWTKGFR  
SGVEGQDVVQ LLRDAIRRQG AYNIDVVAVV NDTVGTMMGC EPGVRPCEVG LVVDTGTNAC YMEEARHVAV  
LDEDGRVCV SVEWGSFSDD GALGPVLTTF DHTLDHESLN PGAQRFKMI GGLYLDELVR LVLHLARCG  
VLEGGCTSPA LLSQGSILLE HVAEMEDPST GAARVHAILQ DLGLSPGASD VELVQHVCVA VCTRAAQLCA  
AALAAVLSCL QHSREQQTLQ VAVATGGRVC ERHPRFCVSVL QGTVMLLAPE CDVSLIPVDGGGRGVAMVT  
AVAARLAAHR RLLLEETLAPF RLNHDQLAAV QAQMRKAMAK GLRGEASSLR MLPTFVRATP DGSERGDFLA  
LDLGGTNFRV LLVRVTTGVQ ITSEIYSIPE TVAQSGSQQL FDHIVDCIVD FQKQGLSGQ SLPLGFTFSF  
PCRQLGLDQG ILLNWTGFK ASDCEGQDVV SLLREAITRR QAVELNVVAI VNDVTGTMMS CGYEDPRCEI  
GLIVGTGTNA CYMEELRNVAGVPGDSGRMC INMEWGAFGD DGSLAMLSTR FDASVDQASI NPGKQRFKEM  
ISGMYLGEIV RHILLHLTSL GVLFRGQQIQ RLQTRDIFKT KFLSEIESDS LALRQVRAIL  
EDLGLPLTSSDALMVLEVCQ AVSQRAAQLC GAGVAAVVEK IRENRGLEEL AVSVGVDGTL YKLHPRFSSL  
VAATVRELAP RCVVTLQSE DGSGKGAALV TAVACRLAQL TRV.