

## Hexokinase-3 Human Recombinant

<b>Item Number</b>	rAP-1155
<b>Synonyms</b>	Hexokinase-3, EC 2.7.1.1, Hexokinase type III, HK III, HXK3, HK3.
<b>Description</b>	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.
<b>Uniprot Accession Number</b>	P52790
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MDSIGSSGLR QGEETLSCSE EGLPGPSDSSE LVQECLQQFKVTRAQLQQI QASLLGSMEQ ALRGQASPAP AVRMLPTYVG STPHGTEQGD FVVLEL- GATG ASLRVLWVTL TGIEGHRVEP RSQEFVIPQE VMLGAGQQLF DFAAHCLSEF LDAQPVNKQGLQLGFSFSFP CHQTGLDRST LISWTKGFRC SGVEGQDVVQ LLRDAIRRQG AYNIDVVAVV NDTVGTMMGC EPGVRPCEVG LVVDTGTNAC YMEEARHVAV LDEDGRVVCV SVEWGSFSDD GALGPVLTTF DHTLDHESLN PGAQRFEKMI GGLYLDELVR LVLHLARCG VLFGGCTSPA LLSQGSILLE HVAEMEDPST GAARVHAILQ DLGLSPGASD VELVQHVCAA VCTRAAQLCA AALAAVLSCL QHSREQRTLQ VAVATGGRVC ERHPRFCVSL QGTVMLLAPE
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks.Store, frozen at -20°C for longer periods of time.&nbsp;For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).&nbsp;Please avoid freeze-thaw cycles.
<b>Formulation and Purity</b>	The protein (1mg/ml) contains 20mM Tris pH 8.0 and 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**