

Human LXR alpha - Purified

Catalog No.:	PA1232X
Quantity:	10 µg
Concentration:	1,0 mg/ml
Background:	Hexokinases phosphorylate glucose to produce glucose-6-phosphate, thus committing glucose to the glycolytic pathway. HK3 encodes hexokinase 3. Similar to hexokinases 1 and 2, this allosteric enzyme is inhibited by its product glucose-6-phosphate. Hexokinase3 lacks the hydrophobic N-terminal sequence critical for targeting to mitochondria. Hexokinase3 may have anabolic functions, providing H6P for glycogen or lipid synthesis.
Species:	Human
Source:	E. coli, Escherichia Coli
Format:	State: Liquid purified protein (Sterile filtered colorless solution) Purity: >85% Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE. Buffer System: 20mM Tris pH 8.0 and 10% glycerol
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. HXK3 is purified by proprietary chromatographic techniques. AA Sequence: MGSSHHHHHH SSGLVPRGSH MDSIGSSGLR QGEETLSCSE EGLPGPSDSSE LVQECLQQFKVTRAQLQQI QASLLGSMEQ ALRGQASPAP AVRMLPTYVG STPHGTEQGD FVVLELGATG ASLRVLWVTL TGIEGHRVEP RSQEFVIPQE VMLGAGQQLF DFAAHCLSEF LDAQPVNKQGLQLGFSFSFP CHQTGLDRST LISWTKGFRC SGVEGQDVVQ LLRDAIRRQG AYNIDVVAVV NDTVGTMMGC EPGVRPCEVG LVVDTGTNAC YMEEARHVAV LDEDGRVVCV SVEWGSFSDD GALGPVLTTF DHTLDHESLN PGAQRFKMI GGLYLDELVR LVLHLARCG VLFGGCTSPA LLSQGSILLE HVAEMEDPST GAARVHAILQ DLGLSPGASD VELVQHVCAA VCTRAAQLCA AALAAVLSCL QHSREQQTLO VAVATGGRVC ERHPRFCSVL QGTVMLLAPE CDVSLIPSDGGGRGVAMVT AVALAAHR RLLEETLAPF RLNHDQLAAV QAQMRKAMAK GLRGEASSLR MLPFVRATP DGSERGDFLA LDLGGTNFRV LLVRVTGVQ ITSEIYSIPE TVAQSGQQQL FDHIVDCIVD FQQKQGLSGQ SLPLGFTFSF PCRQLGLDQG ILLNWTGKFK ASDCEGQDVV SLLREAITRR QAVELNVVAI VNDTVGTMMMS CGYEDPRCEI GLIVGTGTNA CYMEELRNVAGVPGDSGRMC INMEWGAFGD DGSLAMLSTR FDASVDQASI NPGKQRFKEM ISGMYLGEIV RHILLHLTSL GVLFRGQQIQ RLQTRDIFKT KFLSEIESDS LALRQVRAIL EDLGLPLTSDALMVLEVCQ AVSQRAAQLC GAGVAAVVEK IRENRGLEEL AVSVGVDGTL YKLHPRFSSL VAATVRELAP RCVVTFLOQE DGSGKGAALV TAVACRLAQL TRV Molecular weight: 101.1 kDa
Storage:	Store the protein undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Shelf life: one year from despatch.