

32-4057: Recombinant Human Kruppel-Like Factor 7

Alternative Name : UKLF,Krueppel-like factor 7,Ubiquitous krueppel-like factor,KLF7.

Description

Source : Escherichia Coli. KLF7 Human Recombinant produced in E. coli is a single polypeptide chain containing 325 amino acids (1-302) and having a molecular mass of 35.8kDa. KLF7 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Kruppel-Like Factor 7 (KLF7) is a part of the Kruppel-like transcriptional regulator family whose members regulate cell proliferation, differentiation and survival and contain 3 C2H2 zinc fingers at the C-terminus that mediate binding to GC-rich sites. KLF7 contributes to the progression of type 2 diabetes by inhibiting insulin expression and secretion in pancreatic beta-cells and also by deregulating adipocytokine secretion in adipocytes.

Product Info

Amount :	20 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	The KLF7 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol.
Storage condition :	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).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMDVLASY SIFQELQLVH DTGYFSALPS LEETWQQTCL ELERYLQTEP RRISETFGE LDCFLHASPP PCIEESFRRL DPLLLPVEAA ICEKSSAVDI LLSRDKLLSE TCLSLQPASS SLDSYTAVNQ AQLNAVTSLT PPSSPELSRH LVKTSQTLA VDGTVTLKLV AKKAALSSVK VGGVATAAAA VTAAGAVKSG QSDSDQGGLG AEACPENKKR VHRCQFNGCR KVYTKSSHLK AHQRHTHGEK PYKCSWEGCE WRFARSDDEL T RHYRKHTGAK PFKCNHCDCR FSRSDHLALH MKRHI.