

Kruppel-Like Factor 7 Human Recombinant

Item Number	rAP-3520
Synonyms	UKLF, Krueppel-like factor 7, Ubiquitous krueppel-like factor, KLF7.
Description	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.
Uniprot Accession Number	O75840
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMDFVLSY SIFQELQLVH DTGYFSALPS LEETWQQTCL EL-ERYLQTEP RRISETFGED LDCFLHASPP PCIEESFRRL DPLLLPVEAA ICEKSSAVDI LLSRDKLLSE TCLSLQPASS SLDSYTAVNQ AQLNAVTSLT PPSSPELSRH LVKTSQTLA VDGTVTLLKLV AK-KAALSSVK VGGVATAAAA VTAAGAVKSG QSDSDQGGLG AEACPENKKR VHRCQFNGCR KVYTKSSHLK AHQRTHTGEK PYKCSWEGCE WRFARSDLT RHYRKHTGAK PFKCNHCDRC FSRSDHLALH MKRHI.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear 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. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The KLF7 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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**