

## Kruppel-Like Factor 7 Human Recombinant

<b>Item Number</b>	rAP-3520
<b>Synonyms</b>	UKLF, Krueppel-like factor 7, Ubiquitous krueppel-like factor, KLF7.
<b>Description</b>	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.
<b>Uniprot Accesion Number</b>	O75840
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSMMDVLASY SIFQELQLVH DTGYFSALPS LEETWQQTCL EL- ERYLQTEP RRISETFGED LDCLFLHASPP PCIEESFRRRL DPLLLPVEAA ICEKSSAVDI LLSDRKLLSE TCLSLQPASS SLDSYTAVNQ AQLNAVTSLT PPSSPELSRH LVKTSQTLSA VDGTVTLLKLV AK- KAALSSVK VGGVATAAAA VTAAGAVKSG QSDSDQGGLG AEACPENKKR VHRCQFNGCR KVYTKSSHLLK AHQRHTGEK PYKCSWEGCE WRFARSDELT RHYRKHTGAK PFKCNHCDRC FSRSDHLALH MKRHI.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	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.
<b>Formulation and Purity</b>	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.
<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 end users! This product is sold for **Research Use Only**