

32-4058: Recombinant Human Kruppel-Like Factor 12

Alternative Name : AP-2rep,AP2REP,HSPC122,Krueppel-like factor 12,Transcriptional repressor AP-2rep.

Description

Source : Escherichia Coli. KLF12 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 425 amino acids (1-402 a.a) and having a molecular mass of 46.6kDa.KLF12 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Krueppel-like factor 12 (KLF12) belongs to the Kruppel-like zinc finger protein family and can repress expression of the AP-2 alpha gene by binding to a particular site in the AP-2 alpha gene promoter. AP-2 alpha (Activator protein-2 alpha) is a developmentally-regulated transcription factor and vital regulator of gene expression during vertebrate development and carcinogenesis. KLF12 gene repression entails binding with a corepressor, CtBP1.

Product Info

Amount :	20 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	KLF12 protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer, (pH8.0) ,10% glycerol and 0.4M Urea.
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 MGSMNIHMKR KTIKNINTFE NRMLMLDGMP AVRVKTELLE SEQGSPNVHN YPDMEAVPLL LNNVKGEPPE DSLSVDHFQT QTEPVDLSIN KARTSPTAVS SSPVSMTASA SSPSSTSTSS SSSRLASSP TVITSVSSAS SSSTVLTPGP LVASASGVGG QQFLHIIHPV PPSSPMNLQS NKLSHVHRIP VVVQSVVVY TAVRSPGNVN NTIVVPLED GRGHGKAQMD PRGLSPRQSK SDSDDDDLPN VTLDSVNETG STALSIARAV QEVHPSPVSR VRGNRMNNQK FPCSISPFSI ESTRRQRSE SPDSRKRRIH RCDFEHCNKV YTKSSHKAH RRTHTGEKPY KCTWEGCTWK FARSDDELTRH YRKHTGVKPF KCADCDSFS RSDHLALHRR RHMLV.