

32-4310: Recombinant Human Negative Elongation Factor Complex Member E

Alternative Name : Negative elongation factor E, NELF-E, RNA-binding protein RD, NELFE, RD, RDBP, Negative Elongation Factor Complex Member E, D6S45, RDP.

Description

Source : E.coli. NELFE Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 403 amino acids (1-380) and having a molecular mass of 45.6 kDa. NELFE is fused to a 23 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. NELFE is a vital component of NELF complex which represses RNA polymerase II transcript elongation. NELFE is similar to nuclear RNA-binding proteins but does not bind RNA. NELFE contains a tract of alternating basic and acidic residues, mainly arginine and aspartic acid.

Product Info

Amount : 10 µg

Purification : Greater than 90% as determined by SDS-PAGE.

Content : The NELFE solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 50% glycerol and 5mM DTT.

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 MGSMLVIPPG LSEEEALQK KFNKLKKKKK ALLALKKQSS SSTTSQGGVK RSLSEQPVMD TATATEQAKQ LVKSGAISAI KAETKNSGFK RSRTLEGKLK DPEKGPVPTF QPFQRSISAD DDLQESSRRP QRKSLYESFV SSSDRLRELG PDGEEAEGPG AGDGPPRSFD WGYEERSGAH SSASPPRSRS RDRSHERNRD RDRDRERDRD RDRDRDRERD RDRDRDRDRD RERDRDRERD RDRDREGPFR RSDSFPERRA PRKGNTLYVY GEDMTPTLLR GAFSPFGNII DLSMDPPRNC AFVTEKMEAS ADQAVAEELNG TQVESVQLKV NIARKQPLD AATGKSVWGS LAVQNSPKGC HRDKRTQIVY SDDVYKENLV DGF.

