

Negative Elongation Factor Complex Member E Human Recombinant

Item Number	rAP-4164
Synonyms	Negative elongation factor E, NELF-E, RNA-binding protein RD, NELFE, RD, RDPB, Negative Elongation Factor Complex Member E, D6S45, RDP.
Description	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.
Uniprot Accesion Number	P18615
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSQLVIPPG LSEEEEALQK KFNKLKLLLL ALLALKQSS SSSSQGGVK RSLSEQPVMD TATATEQAKQ LVKSGAISAI KAETKNSGFK RSRTLEGKLK DPEKGPVPTF QPFQRSISAD DDLQESSRRP QRKSLYESFV SSSDRLRELG PDGEEAEGPG AGDGP- PRSFD WGYEERSGAH SSASPPRSRS RDRSHERNRD RDRDRERDRD RDRDRDRERD RDRDRDRDRD RERDRDRERD RDRDREGPFR RSDSFPERRA PRKGNTLYVY GEDMTPTLR GAF- SPFGNII DLSMDPPRNC AFVTYEKMES ADQAVAEELNG TQVESVQLKV NIARKQPMID AATGKSVWGS
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless 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 NELFE solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 50% glycerol and 5mM DTT. 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 end users! This product is sold for **Research Use Only**