

Recombinant Human NELFE, His-tagged

Cat. No. NELFE-192H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NELFE, 1-380aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-380aa
Description	NELFE is a part of complex termed negative elongation factor (NELF) which represses RNA polymerase II transcript elongation. This protein bears similarity to nuclear RNA-binding proteins; however, it has not been demonstrated that this protein binds RNA. It contains a tract of alternating basic and acidic residues, largely arginine (R) and aspartic acid (D). Recombinant human NELFE protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 5mM DTT
Molecular Mass	45.6kDa (403aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMLVIPPG LSEEEEEALQK KFNKLKKKKK ALLALKKQSS SSTTSQGGVK RSLSEQPVMD TATATEQAKQ LVKSGAISAI KAETKNSGFK RSRTLEGKLG DPEKGPVPTF QPFQRSISAD DDLQESSRRP QRKSLYESFV SSSDRLRELG PDGEEAEGPG AGDGPPRSFD WGYEERSGAH

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SSASPPRSRS RDRSHERNRD RDRDRERDRD RDRDRDRERD RDRDRDRDRD
RERDRDRERD RDRDREGPFR RSDSFPERRA PRKGNTLYVY GEDMTPTLLR
GAFSPFGNII DLSMDPPRNC AFVTYEKMES ADQAVAEELNG TQVESVQLKV
NIARKQPMLD AATGKSVWGS LAVQNSPKGC HRDKRTQIVY SDDVYKENLV DGF

Purity >90% by SDS - PAGE

Storage Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

Concentration 0.25 mg/ml (determined by BRADFORD assay)

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