

Recombinant Human NELFB Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NELFB-4504H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	COBRA1 MS Standard C13 and N15-labeled recombinant protein (NP_056271) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	NELFB is a subunit of negative elongation factor (NELF), which also includes NELFA (WHSC2), either NELFC or NELFD (TH1L), and NELFE (RDBP). NELF acts with DRB sensitivity-inducing factor (DSIF), a heterodimer of SPT4 (SUPT4H1) and SPT5 (SUPT5H), to cause transcriptional pausing of RNA polymerase II.
Molecular Mass	65.5 kDa
AA Sequence	MFAGLQDLGVANGEDLKETLTNCTEPLKAIEQFQTENGVLLPSLQSA LPFLDLHGTP RLEFHQSVFDEL RDKLLERVSAIASEGKAEERYKKLEDLLEKSFSLVKMPSLQPVVM CVMKHL PKVPEKKLKLVMADKELYRACAVEVKRQIWQDNQALFGDEVSPLLKQYILE KESALFSTELSVLHNFFSPSPKTRRQGEVVQRLTRMVGKNVKLYDMVLQFLRTLFLR TRNVHYCTLRAELLSLHDL DVGEICTVDPCHKFTWCLDACIRERFVDSKRARELQG FLDGVKKGQEQLVGDLSMILCDPFAINTLALSTVRHLQELVGQETLPRDSPDLLLLLR LLALGQGAWDMIDSQVFKEPKMEVELITRFLPMLMSFLVDDYTFNVDQKLPAEEKAP VSYPN TLPE SFTKFLQEQRMA CEVGLYYVLHITKQRNKNALLRLLPGLVETFGDLAF GDIFLHLLTGNLALLADEFALEDFCSSLFDGFFLTASPRKENVHRHALRLLIHLHPRVA

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PSKLEALQKALEPTGQSGEAVKELYSQLGEKLEQLDHRKPSPAQAETPALELPLPS
VPAPAPLTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name NELFB negative elongation factor complex member B [Homo sapiens (human)]

Official Symbol NELFB

Synonyms NELFB; COBRA1; NELF-B; RP13-122B23.3; negative elongation factor complex member B; negative elongation factor B; cofactor of BRCA1; negative elongation factor protein B

Gene ID 25920

mRNA Refseq NM_015456

Protein Refseq NP_056271

MIM 611180

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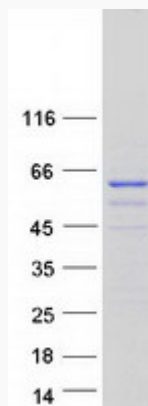
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UniProt ID

Q8WX92

SDS-PAGE

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