

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

Cat. No. NELFCD-6402H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TH1L MS Standard C13 and N15-labeled recombinant protein (NP_945327) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The NELF complex of proteins interacts with the DSIF protein complex to repress transcriptional elongation by RNA polymerase II. The protein encoded by this gene is an essential part of the NELF complex. Alternative translation initiation site usage results in the formation of two isoforms with different N-termini.
Molecular Mass	66.2 kDa
AA Sequence	MAGAVPGAIMDEDYYGSAAEWGDEADGGQQEDDSGEGEDDAEVQQECLHKFSTR DYIMEPSIFNTLKRYFQAGGSPENVIQLLSENYTAVAQTVNLLAEWLIQTGVEPVQVQ ETVENHLKSLLIKHFDPKADSIFTEEGETPAWLEQMIAHTTWRDLFYKLAEAHDPCL MLNFTVKLISDAGYQGEITSVSTACQQLEVFSRVLRTSLATILDGGEENLEKNLPEFA KMOVCHGEHTYLFAQAMMSVLAQEEQGGSAVRRIAQEVQRFAQEKGHASQITLAL GTAASYPRACQALGAMLSKGALNPADITVLFKMFTSMDPPPVELIRVPAFLDLFMQS LFKPGARINQDHHKHYIHILAYAASVVETWKKNKRVSKDELKSTSKAVETVHNLCC NENKGASELVAELSTLYQCIRFPVAMGVLLKWDWTVSEPRYFQLQTDHTPVHLAL LDEISTCHQLLHPQVLQLLVKLFETEHSQLDVMEQLELKKTLTDRMVHLLSRGYVLPV

 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

VSYIRKCLEKLDTDISLIRYFVTEVLDVIAPPYTSDFVQLFLPILENDISIAGTIKTEGEHD
PVTEFIAHCKSNFIMVNTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 NELFCD negative elongation factor complex member C/D [Homo sapiens (human)]

Official Symbol NELFCD

Synonyms NELFCD; negative elongation factor complex member C/D; TH1; TH1L; NELF-C; NELF-D; HSPC130; negative elongation factor C/D; NELF-C/D; TH1 drosophila homolog; TH1-like protein; negative elongation factor proteins C and D; trihydrophobin 1

Gene ID 51497

mRNA Refseq NM_198976

Protein Refseq NP_945327

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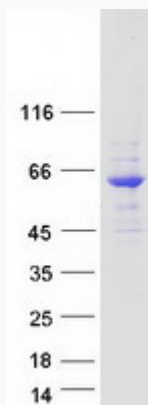
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 45-1 Ramsey Road, Shirley, NY 11967, USA

MIM 605297

UniProt ID Q8IXH7

SDS-PAGE



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