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 ETVENHLKSLLIKHFDPRKADSIFTEEGETPAWLEQMIAHTTWRDLFYKLAEAHPDCL MLNFTVKLISDAGYQGEITSVSTACQQLEVFSRVLRTSLATILDGGEENLEKNLPEFA KMVCHGEHTYLFAQAMMSVLAQEEQGGSAVRRIAQEVQRFAQEKGHDASQITLAL GTAASYPRACQALGAMLSKGALNPADITVLFKMFTSMDPPPVELIRVPAFLDLFMQS LFKPGARINQDHKHKYIHILAYAASVVETWKKNKRVSINKDELKSTSKAVETVHNLCC NENKGASELVAELSTLYQCIRFPVVAMGVLKWVDWTVSEPRYFQLQTDHTPVHLAL LDEISTCHQLLHPQVLQLLVKLFETEHSQLDVMEQLELKKTLLDRMVHLLSRGYVLPV

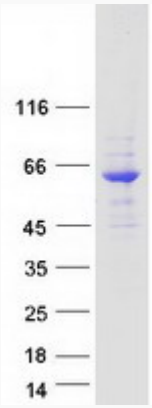
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	VSYIRKCLEKLDTDISLIRYFVTEVLDVIAPPYTSDFVQLFLPILENDSIAGTIKTEGEHD PVTEFIAHCKSNFIMVNTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage 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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MIM	605297
UniProt ID	Q8IXH7
SDS-PAGE	

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