



# Recombinant Human Negative elongation factor C/D (TH1L)

<b>Product Code</b>	CSB-EP815573HU
<b>Abbreviation</b>	TH1L
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q8IXH7
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MAGAVPGAIM DEDYYGSAAE WGDEADGGGQ EDDSGEGEDD AEVQQECLHK FSTRDYIMEP SIFNTLKRYF QAGGSPENVI QLLSENYTAV AQTVNLLAEW LIQTGVEPVQ VQETVENHLK SLLIKHFDPR KADSIFTEEG ETPAWLEQMI AHTTWRDLFY KLAEAHPDCL MLNFTVKLIS DAGYQGEITS VSTACQQLEV FSRVLRSLA TILDGGEENL EKNLPEFAKM VCHGEHTYLF AQAMMSVLAQ EEQGGSAVRR IAQEVQRFAQ EKGHDASQIT LALGTAASYP RACQALGAML SKGALNPADI TVLFKMFTSM DPPPVELIRV PAFLDLFMQS LFKPGARINQ DHKHKYIHIL AYAASVVETW KKNKRVSINK DELKSTSKAV ETVHNLCCNE NKGASELVAE LSTLYQCIRF PVVAMGVLKW VDWTVSEPRY FQLQTDHTPV HLALLDEIST CHQLLHPQVL QLLVKLFETE HSQLDVMEQL ELKKTLLDRM VHLLSRGYVL PVVSYIRKCL EKLDTDISLI RYFVTEVLDV IAPPYTSDFV QLFLPILEND SIAGTIKTEG EHDPVTEFIA HCKSNFIMVN
<b>Source</b>	E.coli
<b>Target Names</b>	NELFCD
<b>Protein Names</b>	Recommended name: Negative elongation factor C/D Short name= NELF-C/D Alternative name(s): TH1-like protein
<b>Expression Region</b>	1-590
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	The NELF complex of proteins interacts with the DSIF protein complex to repress transcriptional elongation by RNA polymerase II. This protein is an essential part of the NELF complex. Alternative translation initiation site usage results in the formation of two isoforms with different N-termini.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a



concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

---

**Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.