



Recombinant Human Negative elongation factor E (RDBP)

Product Code	CSB-EP019521HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P18615
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MLVIPPLSE EEEALQKKFN KLKKKKKALL ALKKQSSSST TSQGGVKRSL SEQPVMdTAT ATEQAKQLVK SGAISAIKAE TKNSGFKRSR TLEGKLDPE KGPVPTFQPF QRSISADDDL QESSRRPQRK SLYESFVSSS DRLRELPGDG EEAEGPGAGD GPPRSFDWGY EERSGAHSSA SPPRSRDR SHERNRDRDR DRERDRDRDR DRDRERDRDR DRDRDRDRER DRDRERDRDR DREGPFRRSD SFPERRAPRK GNTLYVYGED MTPTLLRGAF SPFGNIIDLS MDPPRNCAFV TYEKMESADQ AVAELNGTQV ESVQLKVNIA RKQPMLDAAT GKSVWGLAV QNSPKGCHRD KRTQIVYSDD VYKENLVDGF
Source	E.coli
Target Names	NELFE
Protein Names	Recommended name: Negative elongation factor E Short name= NELF-E Alternative name(s): RNA-binding protein RD
Expression Region	1-380
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	This protein is part of a 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. The protein contains a tract of alternating basic and acidic residues, largely arginine (R) and aspartic acid (D). The gene localizes to the major histocompatibility complex (MHC) class III region on chromosome 6.
Reconstitution	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.