



Recombinant Human Negative elongation factor A (WHSC2)

Product Code	CSB-YP867144HU
Abbreviation	WHSC2
Storage	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.
Uniprot No.	Q9H3P2
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MASMRESDTG LWLHNKLGAT DELWAPPSIA SLLTAAVIDN IRLCFHGLSS AVKLLKLLGT LHLPRRTVDE MKGALMEIIQ LASLSDPWV LMVADILKSF PDTGSLNLEL EEQNPVQDI LGELREKVG E CEASAMLPLE CQYLNKNALT TLAGPLTPPV KHFLKRPK SATLRAELLQ KSTETAQQLK RSAGVPFHAK GRGLLRKMDT TTPLKGIPKQ APFRSPTAPS VFSPTGNRTP IPPSRTLLRK ERGVKLLDIS ELDMVGAGRE AKRRRKTLD A EVVEKPAKEE TVVENATPDY AAGLVSTQKL GSLNNEPALP STSYLPSTPS VVPASSYIPS SETPPAPSSR EASRPPEEPS APSPTLPAQF KQRAPMYNSG LSPATPTPAA PTSPLTPTTP PAVAPTTQTP PVAMVAPQTQ APAQQQPKKN LSLTREQMFA AQEMFKTANK VTRPEKALIL GFMAGSREN P CQEQQDVIQI KLSEHTEDLP KADGGGSTTM LVDTVFEMNY ATGQWTRFKK YKPMTNVS
Source	Yeast
Target Names	NELFA
Protein Names	Recommended name: Negative elongation factor A Short name= NELF-A Alternative name(s): Wolf-Hirschhorn syndrome candidate 2 protein
Expression Region	1-528
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 gene is expressed ubiquitously with higher levels in fetal than in adult tissues. It encodes a protein sharing 93% sequence identity with the mouse protein. Wolf-Hirschhorn syndrome (WHS) is a malformation syndrome associated with a hemizygous deletion of the distal short arm of chromosome 4. This gene is mapped to the 165 kb WHS critical region, and may play a role in the phenotype of the WHS or Pitt-Rogers-Danks syndrome. The encoded protein is found to be capable of reacting with HLA-A2-restricted and tumor-



specific cytotoxic T lymphocytes, suggesting a target for use in specific immunotherapy for a large number of cancer patients. This protein has also been shown to be a member of the NELF (negative elongation factor) protein complex that participates in the regulation of RNA polymerase II transcription elongation.

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

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