



# Recombinant Human Negative elongation factor A (WHSC2)

<b>Product Code</b>	CSB-EP867144HU
<b>Abbreviation</b>	WHSC2
<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>	Q9H3P2
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	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
<b>Source</b>	E.coli
<b>Target Names</b>	NELFA
<b>Protein Names</b>	Recommended name: Negative elongation factor A Short name= NELF-A Alternative name(s): Wolf-Hirschhorn syndrome candidate 2 protein
<b>Expression Region</b>	1-528
<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>	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.

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**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.

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**Shelf Life**

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