Recombinant Human Wolf-Hirschhorn Syndrome Candidate 2, T7-tagged

Cat. No. WHSC2-3015H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human WHSC2 protein was expressed in E.coli with T7-tag at the N-terminus. The molecular weight is 57349 Da(525 aa).
Species	Human
Source	E.coli
Description	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. WHSC2 encodes the NELF-A subunit of the NELF complex.
Sequences of amino acids	1-525 aa
Formulation	10 mM Tris. pH 8.0. 0.1% Triton X-100. 0.002% NaN3. 10mM DTT.
Purity	90%

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GENE INFORMATION

Gene Name	WHSC2 Wolf-Hirschhorn syndrome candidate 2 [Homo sapiens]
Synonyms	Wolf-Hirschhorn syndrome candidate 2;NELFA; NELF-A; FLJ10442; FLJ25112; P/OKcl.15; WHSC2; negative elongation factor A; OTTHUMP00000211580
Gene ID	7469
mRNA Refseq	NM_005663
Protein Refseq	NP_005654
MIM	606026
UniProt ID	Q9H3P2
Chromosome Location	4p16.3
Pathway	Gene Expression; HIV Infection; Transcription

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