

Product datasheet for **TP301097M**

WHSC2 (NELFA) (NM_005663) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human Wolf-Hirschhorn syndrome candidate 2 (WHSC2), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201097 protein sequence Red =Cloning site Green =Tags(s)

MASMRESDTGLWLHNKLGATDELWAPPSIASLLTAAVIDNIRLCFHGLSSAVKLLKLLGTLHLPRRTVDE
MKGALMEIIQLASLDSDPWVLMVADILKSFPDTGSLNLEEEQNPVQDILGELREKVGCEASAMLPLE
CQYLNKNALTTLAGPLTPPVKHFQLKRKPKSATLRAELLQKSTETAQQLKRSAGVPPHAKGRGLLRKMDT
TTPLKGIPKQAPFRSPTAPSVFSPTGNRTPIPPSRTLLRKERGVKLLDISELDMVGAGREAKRRRKTLD
EVVEKPAKEETVENATPDYAAGLVSTQKLGSLNNEPALPSTSYLPSTPSVVPASSYIPSETPPAPSSR
EASRPPEEPSAPSPTLPAQFKQRAPMYNSGLSPATPTPAAPTSPPTTPPAVAPTTQTPPVAMVAPQTQ
APAQQPKKNLSLTREQMFAAQEMFKTANKVTRPEKALILGFMAGSRENPCQEQQDVIQIKLSEHTEDLP
KADGGQSTTMLVDTVFEMNYATGQWTRFKKYKPMTNVS

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	57.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



[View online >](#)

RefSeq: [NP_005654](#)

Locus ID: 7469

UniProt ID: [Q9H3P2](#), [A0A0C4DFX9](#)

RefSeq Size: 2479

Cytogenetics: 4p16.3

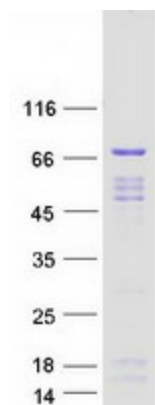
RefSeq ORF: 1584

Synonyms: NELF-A; P/OKcl.15; WHSC2

Summary: 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. [provided by RefSeq, Jul 2008]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified NELFA protein (Cat# [TP301097]). The protein was produced from HEK293T cells transfected with NELFA cDNA clone (Cat# [RC201097]) using MegaTran 2.0 (Cat# [TT210002]).