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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

WHSC2 (Human) Recombinant Protein (P01)

Catalog Number: H00007469-P01

Regulation Status: For research use only (RUO)

Product Description: Human WHSC2 full-length ORF (NP_005654.2, 1 a.a. - 528 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MASMRESDTGLWLHNKLGATDELWAPPSIASLLTAAVI
DNIRLCFHGLSSAVKLLKLLGLHLPRRTVDEMKGALM
EIIQLASLSDPWVLMVADILKSFPDTGSLNLEEEQNP
NVQDILGELREKVGEEASAMLPLECYLNKNALTTLA
GPLTPPVKHFQLKRKPKSATLRAELLQKSTETAQQLKR
SAGVFPFAKGRGLLRKMDTTTTPLKGIPKQAPFRSPTA
PSVFSPTGNRTPIPPSRTLLRKERGVKLLDISELDMVG
AGREAKRRRKTLDAEVVEKPAKEETVVENATPDYAAG
LVSTQKLGSLNNEPALPSTSYLPSTPSVVPASSYIPSS
ETPPAPSSREASRPPEEPSAPSPTLPAQFKQRAPMYN
SGLSPATPTPAAPTSPLTPTTPPAVAPTTQTPPVAMVA
PQTQAPAQQPKKNLSLTREQMFAAQEMFKTANKVT
RPEKALILGFMAGSRENPCQEQQDVIQIKLSEHTEDLP
KADGQGSTTMLVDTVFEMNYATGQWTRFKKYKPMTN
VS

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 83.7

Interspecies Antigen Sequence: Mouse (95); Rat (95)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 7469

Gene Symbol: WHSC2

Gene Alias: FLJ10442, FLJ25112, NELF-A, NELFA, P/OKcl.15

Gene 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]