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WHSC2 Human

Catalog #:PRPS-069

For research use only.

Description:WHSC2 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 559 amino acids (1-539 a.a.) and having a molecular mass of 60.6kDa. The WHSC2 is purified by proprietary chromatographic techniques.

Synonyms: Negative elongation factor A, NELF-A, Wolf-Hirschhorn syndrome candidate 2 protein, WHSC2, NELFA, FLJ10442, FLJ25112, P/OKcl.15.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MPGQRRALSP KMASMRESDT GLWLHNKLGA TDELWAPPSI ASLLTAAVID NIRLCFHGLS SAVKLKLLLG TLHLPRRTVD EMKGALMEII QLASLDSDPW VLMVADILKS FPDTGSLNLE LEEQNPNVQD ILGELREKVG ECEASAMLPL ECQYLNKNAL TTLAGPLTPP VKHFQLKRKP KSATLRAELL QKSTETAQQL KRSAGVPFHA KG

Purity: Greater than 85.0% as determined by SDS-PAGE.

Formulation:
The WHSC2 solution (0.25 mg/ml) 20mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 5mM DTT, 1mM EDTA and 20% glycerol.

Stability:
WHSC2 should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drμgs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:
WHSC2 (NELF-A) is a protein factor required for DRB-sensitive transcription. WHSC2 is one of the 5 components of the multisubunit NELF complex which cooperates with DSIF to repress RNA polymerase II elongation. The Wolf-Hirschhorn syndrome is a multiple malformation syndrome characterized by mental and developmental defects resulting from a hemizygous deletion of the distal short arm of chromosome 4 (4p16.3).

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