9051 Mira Mesa Blvd, #910094
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Tel: 760-390-3989

WHSC2 Human

Wolf-Hirschhorn Syndrome Candidate 2 Human Recombinant
RCP2580

Product Overview

Name	WHSC2 Human

Description

Wolf-Hirschhorn Syndrome Candidate 2 Human Recombinant

Accession (Primary)	Q9H3P2

Synonyms

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

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).

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

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

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 85.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MPGQRRALSP KMASMRESDT GLWLHNKLGA TDELWAPPSI ASLLTAAVID NIRLCFHGLS SAVKLKLLLG TLHLPRRTVD EMKGALMEII QLASLDSDPW VLMVADILKS FPDTGSLNLE LEEQNPNVQD ILGELREKVG ECEASAMLPL ECQYLNKNAL TTLAGPLTPP VKHFQLKRKP KSATLRAELL

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QKSTETAQQL KRSAGVPFHA KGRGLLRKMD TTTPLKGIPK QAPFRSPTAP SVFSPTGNRT PIPPSRTLLR KERGVKLLDI SELDMVGAGR EAKRRRKTLD AEVVEKPAKE ETVVENATPD YAAGLVSTQK LGSLNNEPAL PSTSYLPSTP SVVPASSYIP SSETPPAPSS REASRPPEEP SAPSPTLPAQ FKQRAPMYNS GLSPATPTPA APTSPLTPTT PPAVAPTTQT PPVAMVAPQT QAPAQQQPKK NLSLTREQMF AAQEMFKTAN KVTRPEKALI LGFMAGSREN PCQEQGDVIQ IKLSEHTEDL PKADGQGSTT MLVDTVFEMN YATGQWTRFK KYKPMTNVS.

Precautions

WHSC2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9H3P2)