

WHSC2 recombinant protein

WHSC2, 1-539aa, Human, His tag, E Coli

CATALOG # AAA48659	HOST E Coli	APPLICATIONS SDS-Page
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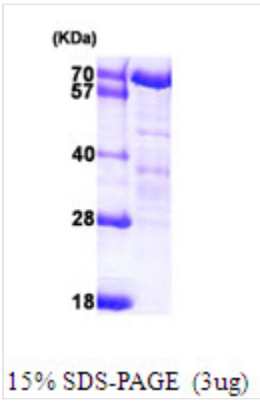
PRODUCT SYNONYMS

WHSC2; 1-539aa; Human; His tag; E Coli; Wolf-Hirschhorn syndrome candidate 2; NELF-A; NELFA; P/OKcl.15; Negative elongation factor A; WHSC2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 85% by SDS-PAGE
Form/Format	Liquid. In 20 mM Tris-HCl Buffer (pH 8.0) containing 0.2M NaCl, 5mM DTT, 1mM EDTA, 20% glycerol
Concentration	0.25 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MPGQRRALSP KMASMRESDT GLWLHNKLGA TDELWAPPSI ASLLTAAVID NIRLCFHGLS SAVKLKLLG TLHLPRRTVD EMKGALMEII QLASLSDPW VLMVADILKS FPDGSLNLE LEEQNPVQD ILGELREKVG ECEASAMLPL ECQYLNKNAL TTLAGPLTPP VKHFQLKRKP KSATLRAELL QKSTETAQQL KRSAGVPFHA KGRGLLRKMD TTTPKLGIPK QAPFRSPTAP SVFSPTGNRT PIPPSRTLLR KERGVKLLDI SELDMVGAGR EAKRRRKTLD AEVVEKPAKE ETVVENATPD YAAGLVSTQK LGSLNNEPAL PSTSYLPSTP SVVPASSYIP SSETPPAPSS REASRPPEEP SAPSPTLPAQ FKQRAPMYNS GLSPATPTPA APTSPLTPTT PPAVAPTTQT PPVAMVAPQT QAPAQQPKK NLSLTREQMF AAQEMFKTAN KVTRPEKALI LGFMAQSREN PCQEQGDVIQ IKLSEHTEDL PKADGQGSTT MLVDTVFEFN YATGQWTRFK KYKPMTNVS
Sequence Length	539
Applicable Applications for WHSC2 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for WHSC2 recombinant protein	WHSC2, also known as NELF-A, is a protein factor required for DRB-sensitive transcription. This protein is one of the five components of the multisubunit NELF complex that cooperates with DSIF to repress RNA polymerase II elongation. 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). Recombinant human WHSC2 protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for WHSC2 recombinant protein	Transcription & Translation
References	Care A., et al. (2007) Nat Med. 13 (5):613-8.; Mariotti M., et al. (2000) FEBS Lett. 487 (2):166-70.;

NCBI AND UNIPROT INFORMATION

NCBI GI #	194733742
NCBI GeneID	7469
NCBI Accession #	NP_005654
NCBI GenBank Nucleotide #	NM_005663.4
UniProt Accession #	Q9H3P2; O95392; A2A2T1
Molecular Weight	60.6 kDa (559aa)
NCBI Official Full Name	negative elongation factor A
NCBI Official Synonym Full Names	negative elongation factor complex member A
NCBI Official Symbol	NELFA
NCBI Official Synonym Symbols	WHSC2; NELF-A; P/OKcl.15
NCBI Protein Information	negative elongation factor A
UniProt Protein Name	Negative elongation factor A
UniProt Gene Name	NELFA
UniProt Synonym Gene Names	WHSC2; NELF-A

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.