

Product datasheet

Recombinant Human WHSC2 / NELF-A protein
ab116197

1 Image

Overview

Product name	Recombinant Human WHSC2 / NELF-A protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Escherichia coli

Amino Acid Sequence

Accession	Q9H3P2
Species	Human
Sequence	<p>MGSSHHHHHHSSGLVPRGSHMPGQRRALSPKMASMRESDTGLWLHNKLGATDELWAPPSIASLLTAAVIDNIRLCFHGLSSAVKLLKLLGTLHLPRRTVD EMK GALMEIIQLASLSDPWVLMVADILKSF PDTGSLNLEEEQNPVQD ILGELREKVGECEASAMLPLECCQYLNKNALTTLAGPLTPPVKHFQLKRKP KSATLRAELLQKSTETAQQLKRSAGVPPHAKGRLLRKMDTTTPLKGIPK QAPFRSPTAPSVFSPTGNRTPIPPSRTLLRKERGVKLLDISELDMVGAGR EAKRRRRTLDAEVVEKPAKEETVVENATPDYAAGLVSTQKLGSLNNEPAL PSTSYLPSTPSVVPASSYPSSETPPAPSSREASRPPEEPSAPSPTLPAQ FKQRAPMYNSGLSPATPTPAAPTSP LPTTPPAVAPTTQTPPVAMVAPQT QAPAQQPKKNLSLTREQMFAAQEMFKTANKVTRPEKALILGFMAGSREN PCQEQQDVIQIKLSEHTEDLPKADGGSTTMLVDTVFEMNYATGQWTRFK KYKPMTNVS</p>
Molecular weight	61 kDa including tags
Amino acids	1 to 539
Tags	His tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab116197** in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
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Purity	> 85 % SDS-PAGE. ab116197 was purified using conventional chromatography techniques.
Form	Liquid
Additional notes	Protein previously labeled as WHSC2.

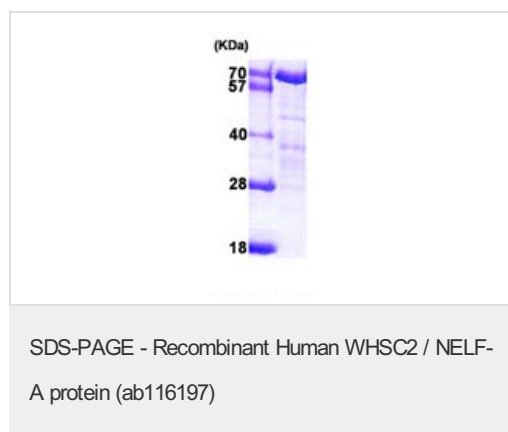
Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 0.32% Tris HCl, 1.17% Sodium chloride, 0.08% DTT, 0.03% EDTA, 20% Glycerol
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General Info

Function	Essential component of the NELF complex, a complex that negatively regulates the elongation of transcription by RNA polymerase II. The NELF complex, which acts via an association with the DSIF complex and causes transcriptional pausing, is counteracted by the P-TEFb kinase complex. Probably required to interact with the RNA polymerase II complex.
Tissue specificity	Ubiquitous. Expressed in heart, brain, placenta, liver, skeletal muscle, kidney and pancreas. Expressed at lower level in adult lung. Expressed in fetal brain, lung, liver and kidney.
Sequence similarities	Belongs to the NELF-A family. Contains 1 HDAg-like domain.
Domain	The HDAg-like domain is essential for transcriptional repression, and mediates the interaction with the RNA polymerase II complex.
Cellular localization	Nucleus.

Images



15% SDS-PAGE analysis of 3 µg ab116197.

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