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WHSC2, 1-539aa, Human, His tag, E.coli

产品货号: TP04497

第三版

别名: Wolf-Hirschhorn syndrome candidate 2, NELF-A, NELFA, P/OKcl.15, Negative elongation factor A

描述: 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.

配方: Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.2M NaCl, 5mM DTT, 1mM EDTA, 20% glycerol

分子量: 60.6 kDa (559aa)

序列:

MGSSHHHHHHSSGLVPRGSHMPGQRRALSPKMASMRESDTGLWLHNKLGATDELWAPPSIASLLTAAVIDNIRLCFHGL
SSAVKLLKLLLGTLHLPRRTVDEMKGALMEIIQLASLSDPWVLMVADILKSPDTGSLNLEEEQNPNVQDILGELREKVGE
CEASAMLPLEQCQYLNKNALTTLAGPLTPPVKHFQLKRKPKSATLRAELLQKSTETAQQLKRSAGVPFHAKGRGLLRKMDT
TTPLKGIPKQAPFRSPTAPSVFSPTGNRTPIPPSRTLLRKERGVKLLDISELDMVGAGREARRRKTLD AEVVEKPAKEETVV
ENATPDYAAGLVSTQKLGSLNNEPALPSTSYLPSTPSVVPASSYIPSETPPAPSSREASRPPEEPSAPSPTLPAQFKQRAPMYNS
GLSPATPTPAAPTSP LPTTPPAVAPTTQTPPVAMVAPQTQAPAQQPKKNLSLTREQMFAAQEMFKTANKVTRPEKALI
LGF MAGSRENPCQEQQGDVIQIKLSEHTEDLPKADGQGSTTMLVDTVFEMNYATGQWTRFKKYKPMTNVS

纯度: > 95% by HPLC

浓度: 0.25 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.