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ZWILCH, 1-591 aa, Human, His tag, E.coli

产品货号: TP04544

第三版

别名: Protein zwilch homolog, hZwilch, KNTC1AP

描述: ZWILCH belongs to the ZWILCH family. This protein is an essential component of the mitotic checkpoint, which prevents cells from prematurely exiting mitosis. It is required for the assembly of the dynein-dynactin and MAD1-MAD2 complexes onto kinetochores. Recombinant human ZWILCH protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 20% glycerol, 1mM DTT

分子量: 69.6kDa(614aa)

序列:

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MGSSHHHHHHSSGLVPRGSHMGSMWERLNCAAEFDYFYSRLLQKFNEEKKGIRKDPFLYEADVQVQLISKGQPNPLKNILN
ENDIVFIVEKVPLEKEETSHIEELQSEETAISDFSTGENVGPLALPVGKARQLIGLYTMAHNPNMTHLKNLPVTALPPLWVR
CDSSDPEGTCWLGAELITNNSITGIVLYVVSCKADKNYSVNLLENLKNLHKKRHHLSTVTSKGFAYELFKSSALDDTTITAS
QTAIALDISWSPVDEILQIPPLSSTATLNKIKVESGEPGRPLNHLRELKFLVLADGLRTGVTEWLEPLEAKSAVELVQEFND
LNKLDGFGDSTKDKDEVETLKHDTAAVDRSVKRLFKVRSDLDFAEQLWCKMSSSVISYQDLVKCFTLIIQSLQRGDIQPWL
HSGSNSLLSKLIHQSYHGTMDTVLSGTIPVQMLLEIGLDKLLKDYISFFIGQELASLNHLEYFIAPSVDIQEQVYRVQKLHHI
LEILVSCMPFIKSQHELLFSLTQICIKYKQNPLDEQHIFQLPVRPTAVKNLYQSEKPKWRVEIYSGQKKIKTVWQLSDSSPI
DHLNFHKPDFSELTLNGSLEERIFFTNMVTCSQVHFK
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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.