9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-5282: Recombinant Human Zwilch Kinetochore Protein

Alternative Name : hZwilch,KNTC1AP,Protein zwilch homolog,ZWILCH.

Description

Source : Escherichia Coli. ZWILCH Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 614 amino acids (1-591 a.a) and having a molecular mass of 69.6kDa. ZWILCH is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Zwilch Kinetochore Protein which is also known as ZWILCH is a part of the ZWILCH family. ZWILCH is a vital part of the mitotic checkpoint. ZWILCH prevents the cells from exiting mitosis prematurely. ZWILCH is also necessary for the assembly of the dyneindynactin and MAD1-MAD2 complexes onto kinetochores.

Product Info

Amount :	10 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	ZWILCH protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 20% glycerol and 1mM DTT.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMWERLNC AAEDFYSRLL QKFNEEKKGI RKDPFLYEAD VQVQLISKGQ PNPLKNILNE NDIVFIVEKV PLEKEETSHI EELQSEETAI SDFSTGENVG PLALPVGKAR QLIGLYTMAH NPNMTHLKIN LPVTALPPLW VRCDSSDPEG TCWLGAELIT TNNSITGIVL YVVSCKADKN YSVNLENLKN LHKKRHHLST VTSKGFAQYE LFKSSALDDT ITASQTAIAL DISWSPVDEI LQIPPLSSTA TLNIKVESGE PRGPLNHLYR ELKFLLVLAD GLRTGVTEWL EPLEAKSAVE LVQEFLNDLN KLDGFGDSTK KDTEVETLKH DTAAVDRSVK RLFKVRSDLD FAEQLWCKMS SSVISYQDLV KCFTLIIQSL QRGDIQPWLH SGSNSLLSKL IHQSYHGTMD TVSLSGTIPV QMLLEIGLDK LKKDYISFFI GQELASLNHL EYFIAPSVDI QEQVYRVQKL HHILEILVSC MPFIKSQHEL LFSLTQICIK YYKQNPLDEQ HIFQLPVRPT AVKNLYQSEK PQKWRVEIYS GQKKIKTVWQ LSDSSPIDHL NFHKPDFSEL TLNGSLEERI FFTNMVTCSQ VHFK.

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