

Zwilch Kinetochore Protein Human Recombinant

Item Number	rAP-4171
Synonyms	hZwilch, KNTC1AP, Protein zwilch homolog, ZWILCH.
Description	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.
Uniprot Accession Number	Q9H900
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MGSMWERLNC AAEDFYSRLL QKFNEEKKGI RKDPFLYEAD VQVQLISKGQ PNPLKNILNE NDIVFIVEKV PLEKEETSHI EELQSEETAI SDFSTGENVG PLALPVGKAR QLIGLYTMAH NPNMTHLKIN LPVTALPPLW VRCDSSDPEG TCWLGAEIT TNNSITGIVL YVVSCKADKN YSVNLENLKN LHKKRHHLST VTSKGFAQYE LFKSSALDDT ITASQTAIAL DISWSPVDEI LQIPPLSSTA TLNIKVESGE PRGPLNHLYR ELKFLVLAD GLRTGVTEWL EPLEAKSAVE LVQEFLNDLN KLD- GFGDSTK KDTEVETLKH DTAAVDRSVK RLFKVRSDLD FAEQLWCKMS SSVISYQDLV KCFTLIQSL
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	ZWILCH protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 20% glycerol and 1mM DTT. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**