9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

ZWILCH Human

Zwilch Kinetochore Protein Human Recombinant
RCP2621

Product Overview

Name	ZWILCH Human
Description	
Zwilch Kinetochore Protein Human Recombinant	
Accession (Primary)	Q9H900
Synonyms	
hZwilch, KNTC1AP, Protein zwilch homolog, ZWILCH.	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
ZWILCH protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 20% glycerol and 1mM DTT.	
Stability	
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.	
Purity	
Greater than 85.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MWERLNC 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	

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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.

Precautions

ZWILCH Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9H900)