

## Product datasheet for **AR51529PU-N**

### ZWILCH (1-591, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	ZWILCH (1-591, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMWERLNC AAEDFYSRLL QKFNEEKKI RKDPFLYEAD VQVQLISKGQ PNPLKNILNE NDIVFIVEKV PLEKEETSHI EELQSEETA SDFSTGENVG PLALPVGKAR QLIGLYTMAH NPNMTHLKIN LPVTALPPLW VRCSDSDPEG TCWLGAELIT TNNSITGIVL YVVSCKADKN YSVNLENLKN LHKKRHHLST VTSKGFAQYE LFKSSALDDT ITASQTAIAL DISWSPVDEI LQIPPLSSTA TLNIKVESGE PRGPLNHLYR ELKFLVLAD 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
Tag:	His-tag
Predicted MW:	69.6 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 20% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human ZWILCH protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001274750</a>
Locus ID:	55055



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UniProt ID:	<a href="#">Q9H900</a>
Cytogenetics:	15q22.31
Synonyms:	hZwilch; KNTC1AP
Summary:	Essential component of the mitotic checkpoint, which prevents cells from prematurely exiting mitosis. Required for the assembly of the dynein-dynactin and MAD1-MAD2 complexes onto kinetochores. Its function related to the spindle assembly machinery is proposed to depend on its association in the mitotic RZZ complex (PubMed:15824131).[UniProtKB/Swiss-Prot Function]

### Product images:

