

ZW10 Interacting Kinetochores Protein Human Recombinant

Item Number	rAP-4154
Synonyms	ZW10 Interacting Kinetochores Protein, ZWINT, ZW10 Interactor, HZwint-1, KNTC2AP, ZWINT1, Human ZW10 Interacting Protein-1, ZW10 Interactor Kinetochores Protein zwint-1, Zwint-1, ZW10-Interacting Protein 1.
Description	ZWINT Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 253 amino acids (1-230) and having a molecular mass of 27.9 kDa (Molecular size on SDS-PAGE will appear higher).ZWINT is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatography.
Uniprot Accession Number	O95229
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMEAAETE AAAAALEVLV EVAGILEPVG LQEEAELPAK IL-VEFVVDSD KKD KLLCSQL QVADFLQNIL AQEDTAKGLD PLASEDTSRQ KAIAAKEQWK ELKATYREHV EAIKIGLTKA LTMEEAQRK RTQLREAFEQ LQAKKQMAME KRRAVQNQWQ LQQEKHLQHL AEVSAEGKLL FPEAEAEAEN LPDDKPQQPT RPQEQSTGDT MGRDPGVFSK AVGLQPAGDV NLP.
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	The ZWINT solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M 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**