ABGENEX Pvt. Ltd.,
E-5, Infocity, KIIT Post Office,
Tel : +91-674-2720712, +91-9437550560
Email : info@abgenex.com
Bhubaneswar, Odisha - 751024, INDIA

32-5283: Recombinant Human ZW10 Interacting Kinetochore Protein

Alternative Name :	ZW10 Interacting Kinetochore Protein,ZWINT,ZW10 Interactor,HZwint-1,KNTC2AP,ZWINT1,Human ZW10 Interacting Protein-1,ZW10 Interactor Kinetochore Protein zwint-1,Zwint-1,ZW10-Interacting Protein 1.

Description

Source : Escherichia Coli. 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 chromatographic techniques. ZW10 Interacting Kinetochore Protein (ZWINT) is involved in kinetochore function. ZWINT is part of the MIS12 complex, which is essential for kinetochore formation and spindle checkpoint activity. ZWINT is localized to the cytoplasm during interphase and to kinetochores from late prophase to anaphase. ZWINT interacts with ZW10 (Zeste White 10) and regulates the association between ZW10 and kinetochores. ZWINT gene defects are linked with the pathogenesis of Roberts's syndrome, an autosomal recessive disorder characterized by growth retardation due to premature chromosome separation.

Product Info

Amount :	10 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	The ZWINT solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M 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 MGSMEAAETE AEAAALEVLA EVAGILEPVG LQEEAELPAK ILVEFVVDSQ KKDKLLCSQL QVADFLQNIL AQEDTAKGLD PLASEDTSRQ KAIAAKEQWK ELKATYREHV EAIKIGLTKA LTQMEEAQRK RTQLREAFEQ LQAKKQMAME KRRAVQNQWQ LQQEKHLQHL AEVSAEGKLL FPEAEAEAEN LPDDKPQQPT RPQEQSTGDT MGRDPGVSFK AVGLQPAGDV NLP.