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ZWINT, 1-230aa

产品货号: TP04545

第三版

别名:HZwint-1, KNTC2AP, ZWINT1

描述:ZW10 interactor isoform b, also known as ZWINT, is clearly involved in kinetochore function. Localized to the cytoplasm during interphase and to kinetochores from late prophase to anaphase, ZWINT interacts with ZW10 (Zeste White 10) and functions to regulate the association between ZW10 and kinetochores. Defects in the gene encoding ZWINT are associated with the pathogenesis of Roberts ' s syndrome, an autosomal recessive disorder characterized by growth retardation due to premature chromosome separation. Recombinant human ZWINT protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT

分子量:27.9 kDa (253aa) confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)

序列:

MGSSHHHHHSSGLVPRGSHMGSMEAAETEAEEAALEVLAEVAGILEPVGLQEEAELPAKILVEFVVDSQKKDKLLCSQL
QVADFLQNILAQEDTAKGLDPLASEDTSRQKAIAAKEQWKELKATYREHVEAIKIGLTKALTMEEAQRKRTLREAFEQ
LQAKKQMAMEKRRRAVQNQWQLQQEKHLQHLAEVSAEGKLLFPEAEAEAENLPDDKPQQPTRPQEQSTGDTMGRDPG
VSFKAVGLQPAGDVNLP

纯度:> 95% by HPLC

浓度:0.25 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储:+4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.