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CIAO1, 1-339aa, Human, His tag, E.coli

产品货号: TP01620

第三版

别名: Probable cytosolic iron-sulfur protein assembly protein CIAO1, CIA1, WDR39

描述: CIAO1 is essential component of the cytosolic iron-sulfur (Fe/S) protein assembly machinery. This protein is required for the maturation of extra mitochondrial Fe/S proteins and seems to specifically modulate the trans-activation activity of WT1. As part of the mitotic spindle-associated MMXD complex it may play a role in chromosome segregation. Recombinant human CIAO1 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: 40 kDa (362aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSMKDSL VLLGRVPAHPDSRCWFLAWNPAGTLLASCGGDRRIRIWGTEGDSWICKSV
LSEGHQRTVRKVAWSPCGNYLASAFDATTCTIWKKNQDDFECVTTLEGHENEVKSVAWAPSGNLLATCSRDKSVVWW
EVDEEDEYECVSVLNSHTQDVKHVVWHPSEQELLASASYDDTVKLYREEEDDWVCCATLEGHESTVWSLAFDPSGQRLAS
CSDDRTVRIWRQYLPGNEQGVACSGSDPSWKCICTLSGFHSRTIYDIAWCQLTGALATACGDDAIRVFQEDPNSDPQQP
TFSLTAHLHQAHSQDVNCVAWNPKEPGLLASCSDDGEVAFWKYQRPEGL

纯度: > 95% by HPLC

浓度: 1 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.