

32-3538: CIAO1 Recombinant Protein

Alternative Name : CIA1,WDR39,Probable cytosolic iron-sulfur protein assembly protein CIAO1,WD repeat-containing protein 39,CIAO1.

Description

Source : E.coli. CIAO1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 362 amino acids (1-339a.a) and having a molecular mass of 40kDa. CIAO1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. CIAO1 is a vital component of the cytosolic iron-sulfur (Fe/S) protein assembly machinery. CIAO1 protein is required for the maturation of extra mitochondrial Fe/S proteins and seems to specifically modulate the trans-activation activity of WT1. CIAO1 participates in chromosome segregation as a part of the mitotic spindle-associated MMXD complex.

Product Info

Amount : 20 µg
Purification : Greater than 95% as determined by SDS-PAGE.
Content : CIAO1 protein solution (1mg/ml) containing 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 SSSLVPRGSH MGSMKDSLVL LGRVPAHPDS RCWFLAWNPA GTLLASCGGD
RRIRIWGTEG DSWICKSVLS EGHQRTVRKV AWSPCGNYLA SASFDATTCI WKKNQDDFEC VTTLEGHENE
VKSVAWAPSG NLLATCSRDK SVWVWEVDEE DEYECVSVLN SHTQDVKHVV WHPSQELLAS
ASYDDTVKLY REEEDDWVCC ATLEGHESTV WSLAFDPSGQ RLASCSDDRV VRIWRQYLPG
NEQGVACSGS DPSWKICITL SGFHSRTIYD IAWCQLTGAL ATACGDDAIR VFQEDPNSDP QQPTFSLTAH
LHQHSQDVN CVAWNPKEPG LLASCSDDGE VAFWKYQRPE GL.