

AR50830PU-S

Human WDR39 / CIAO1 (1-339, His-tag) - Purified

Alternate names:

WD repeat-containing protein 39

Quantity:

0.1 mg

Concentration:

1 mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:

[O76071](#)

NCBI:

[NP_004795](#)

GeneID:

[9391](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >95% by SDS - PAGE

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

Description:

Recombinant human CIAO1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHH SGLVPRGSH MGSMKDSLVL LGRVPAHPDS RCWFLAWNPA GTLLASCAGD
RRIRIWGTEG DSWICKSVLS EGHQRTVRKV AWSPCGNYLA SASFDATTCT WKKNQDDFEC
VTTLEGHENE VKSVAWAPSG NLLATCSRDK SVWWEVDEE DEYECVSVLN SHTQDVKHVV
WHPSQELLAS ASYDDTVKLY REEEDDWVCC ATLEGHESTV WSLAFDPSGQ RLASCSDDR
VRIWRQYLPG NEQGVACSGS DPSWKCICITL SGFHSRTIYD IAWCQLTGAL ATACGDDAIR
VFQEDPNSDP QQPTFSLTAH LHQAHSQDVN CVAWNPKEPG LLASCSDDGE VAFWKYQRPE GL

Molecular weight: 40 kDa (362aa) confirmed by MALDI-TOF

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

Johnstone RW, Wang J, et al. (1998). J Biol Chem. 273(18):10880-7.

Pictures:

