
Product Data Sheet

Product Name: CIAO1 Human
 Cat. No.: GP23159
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	CIA1; WDR39; Probable cytosolic iron-sulfur protein assembly protein CIAO1; WD repeat-containing protein 39; CIAO1.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMKDSLVL LGRVPAHPDS RCWFLAWNPA GTLLASCGGD RRIRIWGTEG DSWICKSVLS EGHQRTVRKV AWSPCGNYLA SASFDATTCI WKKNQDDFEC VTTLEGHENE VKSWAWAPSG NLLATCSRDK SVVWWEVDEE DEYECVSVLN SHTQDVKHVV WHPSQELLAS ASYDDTVKLY REEEDDWVCC ATLEGHESTV WSLAFDPSGQ RLASCSDDRV VRIWRQYLPG NEQGVACSGS DPSWKCICTL SGFHSRTIYD IAWCQLTGAL ATACGDDAIR VFQEDPNSDP QQPTFSLTAH LHQAHSQDVN CVAWNPKEPG LLASCSDDGE VAFWKYQRPE GL.		
Formulation	CIAO1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.		

Introduction

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.

Stability

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.

Background

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

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.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA