

Recombinant Human Probable cytosolic iron-sulfur protein assembly protein CIAO1(CIAO1)

Catalog No: #AP70169

Package Size: #AP70169-1 20ug #AP70169-2 100ug #AP70169-3 1mg

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Recombinant Human Probable cytosolic iron-sulfur protein assembly protein CIAO1(CIAO1)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-339aaSequence Info:Full Length
Other Names	WD repeat-containing protein 39
Accession No.	O76071
Calculated MW	53.8 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	MKDSLVLGRVPAHPDSRCWFLAWNPA GTLLASCGGDRRIWGT EGDSWICKSVLSEGHQRTVRKVAWSP CGNYLASASF DATTCIWKKNQDDFECVTTLEGHENEVKSVAWAPSGNLLATCSRDKSVWVWEVDEEDEYEC VSVLNSHTQDVKHVVWHP SQELLASASYDDTVKLYREEEDDWCCATLEGHESTVWSLAFDP SGQRLASCS DDRTVRIWRQYLP GNEQGVACSGSDPSWKICITLSGFHSRTIYDI AWCQLTGALATACGDDAIRVFQEDPNS DPQQPTFSLTAHLHQAHSQDVNCVAWNPKEPGLLASCSDDGEVAFWKYQRPEGL
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Key component of the cytosolic iron-sulfur protein assbly (CIA) complex, a multiprotein complex that mediates the incorporation of iron-sulfur cluster into extramitochondrial Fe,S proteins. Ses to specifically modulate the transactivation activity of WT1. As part of the mitotic spindle-associated MMXD complex it may play a role in chromosome segregation.

References

Ciao 1 is a novel WD40 protein that interacts with the tumor suppressor protein WT1.Johnstone R.W., Wang J., Tommerup N., Vissing H., Roberts T., Shi Y.J. Biol. Chem. 273:10880-10887(1998)Research Topic:Transcription

Note: This product is for in vitro research use only and is not intended for use in humans or animals.