

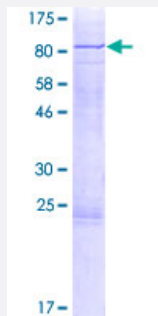
Full-Length

CDC73 (Human) Recombinant Protein (P01)

Catalog # H00079577-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CDC73 full-length ORF (NP_078805.3, 1 a.a. - 531 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MADVLSVLRQYNIQKKEIVKGDDEVIFGEFSWPKNVKTNVYVWGTGKEGQPREYYTLDSILFLLNN
VHLSHPVYVRRRAATENIPVVRPDRKDLLGYLNGEASTSASIDRSAPLEIGLQRSTQVKRAADEVL
AEAKKPRIEDEECVRLDKERLAARLEGHKEGMQTEQIRSLSEAMSVEKIAAIKAKIMAKKRSTIKTD
LDDITALKQRSFVDAEVDVTRDIVSRERVWRTRTILQSTGKNFSKNIFAILQSVKAREEGRAPEQ
RPAPNAAPVDPTLRKQPIPAAYNRYDQERFKGKEETEGFKIDTMGTYHGMTLKSIVTEGASARKT
QTPAAQPVPRPVSQARPPPNQKKGSRTPIIIIPAATTSLITMLNAKDLLQDLKFVPSPDEKKKQGCQR
ENETLIQRRKDQMPPGGTAISVTVPYRVVDQPLKLMPQDWDRVVAVFVQGPAPWQFKGWFWLLP
DGSPVDIFAKIAFHLKYDEVRLDPNVQKWDVTVLELSYHKRHLDRPVFLRFWETLDRYMKHKS
HLRF

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

87

Interspecies Antigen Sequence

Mouse (100); Rat (99)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CDC73

Entrez GeneID	79577
GeneBank Accession#	NM_024529.3
Protein Accession#	NP_078805.3
Gene Name	CDC73
Gene Alias	C1orf28, FLJ23316, HPT-JT, HRPT2
Gene Description	cell division cycle 73, Paf1/RNA polymerase II complex component, homolog (S. cerevisiae)
Omim ID	145000 145001 607393 608266
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a tumor suppressor that is involved in transcriptional and post-transcriptional control pathways. The protein is a component of the the PAF protein complex, which associates with the RNA polymerase II subunit POLR2A and with a histone methyltransferase complex. This protein appears to facilitate the association of 3' mRNA processing factors with actively-transcribed chromatin. Mutations in this gene have been linked to hyperparathyroidism-jaw tumor syndrome, familial isolated hyperparathyroidism, and parathyroid carcinoma. [provided by RefSeq]
Other Designations	hyperparathyroidism 2 (with jaw tumor) parafibromin

Disease

- [Genetic Predisposition to Disease](#)
- [Hyperparathyroidism](#)
- [Multiple endocrine neoplasia](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Parathyroid Neoplasms](#)