

# Recombinant Full Length Human CDC73 Protein, GST-tagged

**Cat. No.** CDC73-3110HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human CDC73 full-length ORF (NP_078805.3, 1 a.a. - 531 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	531 amino acids
<b>Description</b>	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, Jul 2009]
<b>Molecular Mass</b>	87 kDa
<b>AA Sequence</b>	MADVLSVLRQYNIQKKEIVVKGDEVIFGEFSWPKNVKTNYVVWGTGKEGQPREYYT LDSILFLLNNVHLSHPVYVRRRAATENIPVVRPDRKDLLGYLNGEASTSASIDRSAPL EIGLQRSTQVKRAADEVLAEAKKPRIEDEECVRLDKERLAARLEGHKEGIVQTEQIRS LSEAMSVEKIAAIKAKIMAKKRSTIKTDLDDITALKQRSFVDAEVDVTRDIVSRERVW RTRTTILQSTGKNFSKNIFAILQSVKAREEGRAPEQRPAPNAAPVDPTLRTKQPIPAA YNRYDQERFKGKEETEGFKIDTMGTYHGMTLKSIVTEGASARKTQTPAAQPVPRPVS

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



QARPPPNQKKGSRTPIIIIPAATTSLITMLNAKDLLQDLKFVPSDEKKKQGCQRENETL  
 IQRRKDQMPPGGTAISVTPYRVVDQPLKMPQDWDVVAVFVQGPAAWQFKGWP  
 WLLPDGSPVDIFAKIKAFHLKYDEVRLDPNVQKWDVTVLELSYHKRHLDRPVFLRFW  
 ETLDRYMKHSHLRF

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

**Storage** Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name** CDC73 cell division cycle 73, Paf1/RNA polymerase II complex component, homolog (S. cerevisiae) [ Homo sapiens ]

**Official Symbol** CDC73

**Synonyms** CDC73; cell division cycle 73, Paf1/RNA polymerase II complex component, homolog (S. cerevisiae); C1orf28, chromosome 1 open reading frame 28, HRPT2, hyperparathyroidism 2 (with jaw tumor); parafibromin; hyperparathyroidism 2 protein; cell division cycle protein 73 homolog; HYX; HPTJT; HRPT2; C1orf28; FLJ23316;

**Gene ID** 79577

**mRNA Refseq** NM\_024529

**Protein Refseq** NP\_078805

Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA



<b>MIM</b>	607393
------------	--------

<b>UniProt ID</b>	Q6P1J9
-------------------	--------

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA