

Recombinant Human CTD1 Protein, GST-tagged

Cat. No. CTD1-2059H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CTD1 partial ORF (AAH63447.1, 332 a.a. - 431 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a protein which interacts with the carboxy-terminus of the RAP74 subunit of transcription initiation factor TFIIF, and functions as a phosphatase that processively dephosphorylates the C-terminus of POLR2A (a subunit of RNA polymerase II), making it available for initiation of gene expression. Mutations in this gene are associated with congenital cataracts, facial dysmorphism and neuropathy syndrome (CCFDN). Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Feb 2011]
Molecular Mass	36.74 kDa
AA Sequence	PPGSRESQTRKKVNHSRGTEVSEPPVVRDPEGVTQAPGVEPSNGLEKPARELNG SEAATPRDSPRPGKPDERDIWPPAQAPTSSQELAGAPEPQGSCAQ
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

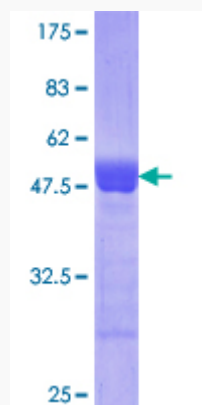
 45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Best use within three months from the date of receipt of this protein.
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	CTDP1 CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) phosphatase, subunit 1 [Homo sapiens]
Official Symbol	CTDP1
Synonyms	CTDP1; CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) phosphatase, subunit 1; RNA polymerase II subunit A C-terminal domain phosphatase; FCP1; serine phosphatase FCP1a; TFIIF-associating CTD phosphatase 1; CTD of POLR2A, phosphatase of, subunit 1; transcription factor IIF-associating CTD phosphatase 1; CCFDN;
Gene ID	9150
mRNA Refseq	NM_001202504
Protein Refseq	NP_001189433
MIM	604927
UniProt ID	Q9Y5B0

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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