

# Recombinant Full Length Human CCNO Protein, GST-tagged

Cat. No. CCNO-2982HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human CCNO full-length ORF (AAI60041.1, 1 a.a. - 350 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>	350 amino acids
<b>Description</b>	This gene encodes a member of the cyclin protein family, and the encoded protein is involved in regulation of the cell cycle. Disruption of this gene is associated with primary ciliary dyskinesia-19. Alternative splicing results in multiple transcript variants. This gene, which has a previous symbol of UNG2, was erroneously identified as a uracil DNA glycosylase in PubMed ID: 2001396. A later publication, PubMed ID: 8419333, identified this gene's product as a cyclin protein family member. The UNG2 symbol is also used as a specific protein isoform name for the UNG gene (GeneID 7374), so confusion exists in the scientific literature and in some databases for these two genes. [provided by RefSeq, Jul 2014]
<b>Molecular Mass</b>	64.9 kDa
<b>AA Sequence</b>	MVTPCPTSPSSPAARAGRRDNDQNLRAPVKKSRRPRLRRKQPLHPLNPCPLPGDS GICDLFESPSSGSDGAESPSAARGGSPLPGPAQPVAQLDLQTFRDYGYQSCYA FRKA QESHFHPREALARQPQVTAESRCKLLSWLIPVHRQFGLSFESLCLTVNTLDRFLTTT PVAADCFQLLGVTSLLIACKQVEVHPPRVKQLLALCCGAFSRQQLCNLECIVLHKLHF

 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



TLGAPTISFFLEHFTHARVEAGQAEASEALEAQALARGVAELSLADYAFTSYSPSLLA  
ICCLALADRMRLVSRPVDLRLGDHPEAALEDCEMGLQLLLVAINSTSLTHMLPVQICEK  
CSLPPSSK

**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** CCNO cyclin O [ Homo sapiens ]

**Official Symbol** CCNO

**Synonyms** CCNO; cyclin O; CCNU, cyclin U; cyclin-O; FLJ22422; UDG2; UNG2; cyclin U; cyclin domain containing; cyclin-like uracil-DNA glycosylase; CCNU;

**Gene ID** 10309

**mRNA Refseq** NM\_021147

**Protein Refseq** NP\_066970

**MIM** 607752

**UniProt ID** P22674

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