

Recombinant Full Length Human CCNO Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human CCNO full-length ORF (AAI60041.1, 1 a.a. - 350 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	350 amino acids
Description	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]
Molecular Mass	64.9 kDa
AA Sequence	MVTPCPTSPSSPAARAGRRDNDQNLRAPVKKSRRPRLRRKQPLHPLNPCPLPGDS GICDLFESPSSGSDGAESPSAARGGSPLPGPAQPVAQLDLQTFRDYGGQSCYA FRKA QESHFHPPREALARQPQVTAESRCKLLSWLIPVHRQFGLSFESLCLTVNTLDRFLTTT PVAADCFQLLGVTSLLIACKQVEVHPPRVKQLLALCCGAFSRQQLCNLECIVLHKLHF

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TLGAPTISFFLEHFTHARVEAGQAEASEALEAQALARGVAELSLADYAFTSYSPSLLA
ICCLALADRMRLRVSRPVDLRLGDHPEAALEDCMGKLQLLVAINSTSLTHMLPVQICEK
CSLPSSK

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

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