

Recombinant Human CCNO Protein, GST-Tagged

Cat. No. CCNO-0679H **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	Wheat Germ
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 QESHFHPREALARQPQVTAESRCKLLSWLIPVHRQFGLSFESLCLTVNTLDRFLTTT PVAADCFQLLGVTSLLIACKQVEVHPPRVKQLLALCCGAFSRQQLCNLECIVLHKLHF TLGAPTISFFLEHFTHARVEAGQAEASEALEAQALARGVAELSLADYAFTSYSPSLLA

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	ICCLALADRMLRVSRPVDLRLGDHPEAALEDCMGKLQLLVAINSTSLTHMLPVQICEK 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

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