

Recombinant Human ECD Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ECD-680H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ECD MS Standard C13 and N15-labeled recombinant protein (NP_009196) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Regulator of p53/TP53 stability and function. Inhibits MDM2-mediated degradation of p53/TP53 possibly by cooperating in part with TXNIP. May be involved transcriptional regulation. In vitro has intrinsic transactivation activity enhanced by EP300. May be a transcriptional activator required for the expression of glycolytic genes. Involved in regulation of cell cycle progression. Proposed to disrupt Rb-E2F binding leading to transcriptional activation of E2F proteins. The cell cycle -regulating function may depend on its RUVBL1-mediated association with the R2TP complex. May play a role in regulation of pre-mRNA splicing.
Molecular Mass	72.8 kDa
AA Sequence	MEETMKLATMEDTVEYCLFLIPDES RDS DKHKEILQKYIERIITRFAPMLVPYIWQNQP FNLKYKPGKGGVPAHMFVGVT KFGDNIEDEWFIVYVIKQITKEFPELVARIEDNDGEFL LIEAADFLPKWLDPENSTNRVFFCHGELCIIPAPRKSGAESWLPTTPPTIPQALNIITA HSEKILASESIRAAVNRRIRGYPEKIQASLHRAHCFLPAGIVAVLKQRPRLVAAAVQAF YLRDPIDLRACRVFKTFLPETRIMTSVTFTKCLYAQLVQQRFVPDRRSGYRLPPPSD

 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

PQYRAHELGMKLAHGFEILCSKCSPHFSDCKKSLVTASPLWASFLESLKKNDYFKGL
IEGSAQYRERLEMAENYFQLSVDWPESSLAMSPGEEILTLLQTIPFDIEDLKKEAANL
PPEDDDQWLDLSPDQLDQLLQEAVGKKESESVSKEEKEQNYDLTEVSESMKAFISK
VSTHKGAELPREPSEAPITFDADSFLNYFDKILGPRPNESDSDDLDEDFECLDSDD
DLDFETHEPGEEASLKGTLNLKSYMAQMDQELAHTCISKSFTTRNQVEPVSQTTD
NNSDEEDSGTGESVMAPVDVDLNLVSNILESYSSQAGLAGPASNLLQSMGVQLPDN
TDHRPTSKPTKNTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name ECD ecdysoneless cell cycle regulator [Homo sapiens (human)]

Official Symbol ECD

Synonyms ECD; ecdysoneless homolog (Drosophila); protein SGT1; GCR2; hSGT1; suppressor of GCR2; protein ecdysoneless homolog; suppressor of S. cerevisiae gcr2; HSGT1;

Gene ID 11319

mRNA Refseq NM_007265

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

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

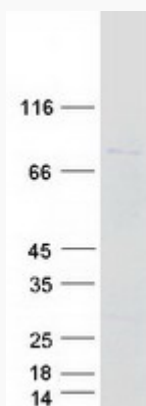
 45-1 Ramsey Road, Shirley, NY 11967, USA

Protein Refseq NP_009196

MIM 616464

UniProt ID O95905

SDS-PAGE



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