

ECD 抗原（重组蛋白）

中文名称：ECD 抗原（重组蛋白）

英文名称： ECD Antigen (Recombinant Protein)

别名： ecdysoless cell cycle regulator; GCR2; SGT1; HSGT1

储存： 冷冻（-20℃）

相关类别： 抗原

概述：

Fusion protein corresponding to a region derived from 445-644 amino acids of human ECD

技术规格：

Full name:	ecdysoneless cell cycle regulator
Synonyms:	GCR2; SGT1; HSGT1
Swissprot:	O95905
Gene Accession:	BC000721
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Regulator of p53/TP53 stability and function. Inhibits MDM2-mediated degradation of p53/TP53 possibly by cooperating in part with TXNIP (PubMed:16849563, PubMed:23880345). May be involved in transcriptional regulation. In vitro has intrinsic transactivation activity enhanced by EP300. May be a transcriptional activator required for the expression of glycolytic genes (PubMed:19919181, PubMed:9928932). Involved in regulation of cell cycle progression.

Proposed to disrupt Rb-E2F binding leading to transcriptional activation of E2F proteins (PubMed:19640839). The cell cycle -regulating function may depend on its RUVBL1-mediated association with the R2TP complex (PubMed:26711270). May play a role in regulation of pre-mRNA splicing (PubMed:24722212).