

Recombinant Human CCNE2, GST-tagged

Cat. No. CCNE2-10864H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CCNE2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-374a.a.
Description	This gene encodes a protein containing a coiled-coil domain. The mouse orthologous protein has been shown to bind copines, which are calcium-dependent, membrane-binding proteins that may function in calcium signaling. Localization of the orthologous rat protein suggests that it may play a role in neuronal injury response. This human gene has been identified as a novel candidate gene for syndromic X-linked intellectual disability.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	CCNE2 cyclin E2 [Homo sapiens]
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Official Symbol	CCNE2
Synonyms	CCNE2; cyclin E2; G1/S-specific cyclin-E2; CYCE2;
Gene ID	9134
mRNA Refseq	NM_057749
Protein Refseq	NP_477097
MIM	603775
UniProt ID	O96020
Chromosome Location	8q22.1
Pathway	Cell Cycle, organism-specific biosystem; Cell Cycle Checkpoints, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Cell cycle, organism-specific biosystem; Cell cycle, conserved biosystem; Cyclin A:Cdk2-associated events at S phase entry, organism-specific biosystem;
Function	protein binding; protein kinase binding;