

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 Na₂HPO₄, 17mM NaH₂PO₄, 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; |

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