

## Recombinant Human CDC5L, GST-tagged

Cat. No. CDC5L-11017H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human CDC5L protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.

**Species** Human

**Source** E.coli

**ProteinLength** C-term-350a.a.

**Description** The protein encoded by this gene belongs to the immunoglobulin superfamily, and thought to participate in the regulation of T-cell-mediated immune response. Studies show that while the transcript of this gene is ubiquitously expressed in normal tissues and solid tumors, the protein is preferentially expressed only in tumor tissues. Additionally, it was observed that the 3' UTR of this transcript contains a target site for miR29 microRNA, and there is an inverse correlation between the expression of this protein and miR29 levels, suggesting regulation of expression of this gene product by miR29. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

**Storage** The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.

**Storage Buffer** 1M PBS (58mM Na<sub>2</sub>HPO<sub>4</sub>, 17mM NaH<sub>2</sub>PO<sub>4</sub>, 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

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## GENE INFORMATION

<b>Gene Name</b>	CDC5L CDC5 cell division cycle 5-like (S. pombe) [ Homo sapiens ]
<b>Official Symbol</b>	CDC5L
<b>Synonyms</b>	CDC5L; CDC5 cell division cycle 5-like (S. pombe); CDC5 (cell division cycle 5, S. pombe, homolog) like; cell division cycle 5-like protein; CDC5; CEF1; hCDC5; PCDC5RP; Cdc5-related protein; pombe cdc5-related protein; dJ319D22.1 (CDC5-like protein); CDC5-LIKE; dJ319D22.1; KIAA0432;
<b>Gene ID</b>	988
<b>mRNA Refseq</b>	NM_001253
<b>Protein Refseq</b>	NP_001244
<b>MIM</b>	602868
<b>UniProt ID</b>	Q99459
<b>Chromosome Location</b>	6p
<b>Pathway</b>	Spliceosome, organism-specific biosystem; Spliceosome, conserved biosystem; Spliceosome, 35S U5-snRNP, organism-specific biosystem; Spliceosome, Prp19/CDC5L complex, organism-specific biosystem;
<b>Function</b>	DNA binding; RNA binding; protein binding; protein domain specific binding;

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