

## Recombinant Human CLK2, GST-tagged

Cat. No. CLK2-11334H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CLK2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	C-term-300a.a.
<b>Description</b>	This gene encodes a member of the CLK family of dual specificity protein kinases. CLK family members have been shown to interact with, and phosphorylate, serine- and arginine-rich (SR) proteins of the spliceosomal complex, which is a part of the regulatory mechanism that enables the SR proteins to control RNA splicing. Note that this gene is distinct from TELO2 gene (GeneID:9894), which shares CLK2 and hCLK2 symbol aliases in common with this gene, but encodes a protein that is involved in telomere length regulation.
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	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.

### GENE INFORMATION

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<b>Gene Name</b>	CLK2 CDC-like kinase 2 [ Homo sapiens ]
<b>Official Symbol</b>	CLK2
<b>Synonyms</b>	CLK2; CDC-like kinase 2; dual specificity protein kinase CLK2; clk2; CLK kinase; hCLK2; MGC61500;
<b>Gene ID</b>	1196
<b>mRNA Refseq</b>	NM_003993
<b>Protein Refseq</b>	NP_003984
<b>MIM</b>	602989
<b>UniProt ID</b>	P49760
<b>Chromosome Location</b>	1q21
<b>Pathway</b>	mRNA processing, organism-specific biosystem;
<b>Function</b>	ATP binding; nucleotide binding; protein binding; protein serine/threonine kinase activity; protein serine/threonine/tyrosine kinase activity; protein tyrosine kinase activity;

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