

Active Recombinant Human CLK3 Protein, GST-tagged

Cat. No. CLK3-1496H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CLK3 (AAH02555.1, 1 a.a. - 490 a.a.) full-length recombinant protein with GST tag expressed in Baculovirus infected Sf21 cells.
Species	Human
Source	Insect Cells
Description	This gene encodes a protein belonging to the serine/threonine type protein kinase family. This protein is a nuclear dual-specificity kinase that regulates the intranuclear distribution of the serine/arginine-rich (SR) family of splicing factors. Two transcript variants encoding different isoforms have been found for this gene. Related pseudogenes are located on chromosomes 1 and 9. [provided by RefSeq, Jul 2008]
Form	Liquid
Bio-activity	The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorescence-labeled substrate and Mg (or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by LabChip™3000. Substrate : DYRKtide-F. ATP: 100 μ M.
Molecular Mass	86 kDa
Purity	88 % by SDS-PAGE/CBB staining.
Applications	Functional Study

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SDS-PAGE

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer In 50 mM Tris-HCl, 150 mM NaCl, pH 7.5 (0.05% Brij35, 1 mM DTT, 10% glycerol)

GENE INFORMATION

Gene Name CLK3 CDC-like kinase 3 [Homo sapiens]

Official Symbol CLK3

Synonyms CLK3; CDC-like kinase 3; dual specificity protein kinase CLK3; clk3; PHCLK3; PHCLK3/152; FLJ22858;

Gene ID 1198

mRNA Refseq NM_001130028

Protein Refseq NP_001123500

MIM 602990

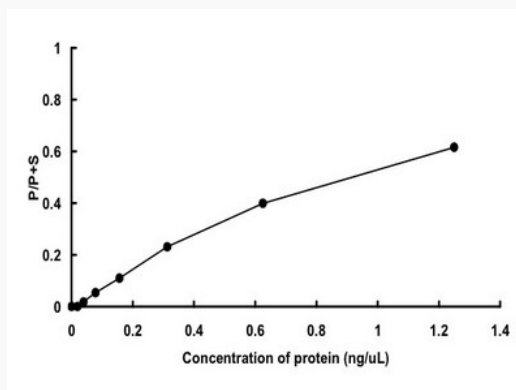
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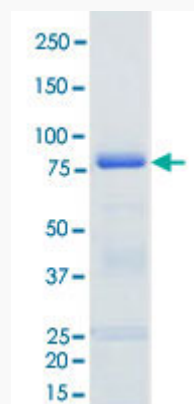
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Result of activity analysis



Quality Control Testing:



Loading 1 μ g protein in SDS-PAGE

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