

Recombinant Human CDC-like Kinase 1, GST-tagged, Active

Cat. No. CLK1-284H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human CLK1 (129-end) was expressed by baculovirus in <i>Sf9 insect cell</i> using an N-terminal GST tag. MW=66 kDa.
Species	Human
Source	Sf9 Cells
Protein Length	129-end a.a.
Description	CLK/STY is a member of the CDC2-like (or LAMMER) family of dual specificity protein kinases. The phosphorylated serine/arginine-rich (SR) proteins involves in the pre-mRNA processing and releasing through nucleus into nucleoplasm. CLK/STY, which could phosphorylates the specific SR proteins, such as ASF/SF2, may directly regulates the activity and compartmentalization of SR splicing factors.
Sequence	129-end.
Applications	Kinase Assay, Western Blot.
Storage And Stability	Store product at -70°C . For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

GENE INFORMATION

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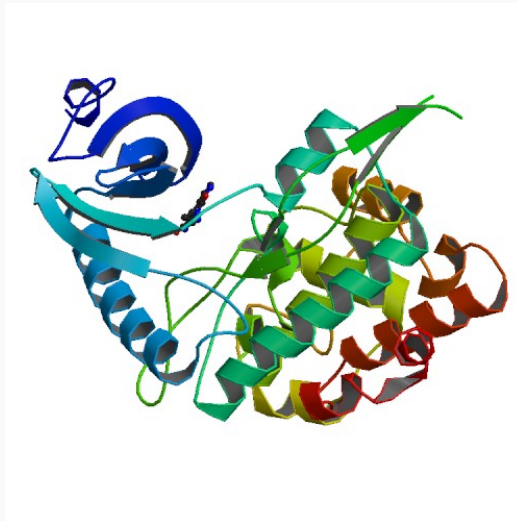
Gene Name	CLK1 CDC-like kinase 1 [Homo sapiens]
Synonyms	CLK1; CDC-like kinase 1; CLK; STY; CLK/STY; CDC28/CDC2-like kinase; protein tyrosine kinase STY; dual specificity protein kinase CLK1; EC 2.7.12.1
Gene ID	1195
mRNA Refseq	NM_001162407
Protein Refseq	NP_001155879
MIM	601951
UniProt ID	P49759
Chromosome Location	2q33
Function	ATP binding; non-membrane spanning protein tyrosine kinase activity; nucleotide binding; protein serine/threonine kinase activity; transferase activity

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