

Active Recombinant Human CLK1, GST-tagged

Cat. No. COLEC11-1393H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CLK1 (129-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Human
Source	Sf9 Cells
ProteinLength	129 aa-end
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.
Form	Recombinant protein stored in 50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Bio-activity	200 nmol/min/mg
Molecular Mass	~66 kDa
Purity	>90%
Applications	Kinase Assay, Western Blot

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Storage	Store at -70°C . For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. Avoid freeze/thaw cycles.
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Concentration	0.1 $\mu\text{g}/\mu\text{l}$
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GENE INFORMATION

Gene Name	COLEC11 collectin sub-family member 11 [Homo sapiens]
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Official Symbol	COLEC11
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Synonyms	COLEC11; collectin sub-family member 11; MGC3279;
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Gene ID	117602
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MIM	612502
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UniProt ID	Q9BWP8
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Chromosome Location	2p25.3
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