

## Active Recombinant Human CLK1, GST-tagged

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

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant human CLK1 (129-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.                                                                                                                                                                                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | Sf9 Cells                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 129 aa-end                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>      | 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. |
| <b>Form</b>             | 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.                                                                                                                                                                                                                                                                             |
| <b>Bio-activity</b>     | 200 nmol/min/mg                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Molecular Mass</b>   | ~66 kDa                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Purity</b>           | >90%                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Applications</b>     | Kinase Assay, Western Blot                                                                                                                                                                                                                                                                                                                                                                                 |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Storage**

Store at  $-70^{\circ}\text{C}$ . For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. Avoid freeze/thaw cycles.

**Concentration**

0.1 $\mu\text{g}/\mu\text{l}$

**GENE INFORMATION****Gene Name**

COLEC11 collectin sub-family member 11 [ Homo sapiens ]

**Official Symbol**

COLEC11

**Synonyms**

COLEC11; collectin sub-family member 11; MGC3279;

**Gene ID**

117602

**MIM**

612502

**UniProt ID**

Q9BWP8

**Chromosome  
Location**

2p25.3

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA