

Recombinant Human CLK1 Protein, GST-tagged

Cat. No. CLK1-1491H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CLK1 full-length ORF (NP_004062.2, 1 a.a. - 484 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the CDC2-like (or LAMMER) family of dual specificity protein kinases. In the nucleus, the encoded protein phosphorylates serine/arginine-rich proteins involved in pre-mRNA processing, releasing them into the nucleoplasm. The choice of splice sites during pre-mRNA processing may be regulated by the concentration of transacting factors, including serine/arginine rich proteins. Therefore, the encoded protein may play an indirect role in governing splice site selection. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2009]
Molecular Mass	83.7 kDa
AA Sequence	MRHSKRTYCPDWDDKDWDYGKWRSSSSHKRRKRSHSSAQENKRCKYNHSKMCD SHYLESRSINEKDYHSRRYIDEYRNDYTQGCEPGHRQRDHESRYQNHSSKSSGRS GRSSYKSKHRIHHSTSHRRSHGKSHRRKRTRSVEDDEEGHLCQSGDVLSARYEIV DTLGEGAFGKVVCEIDHKAGGRHVAVKIVKNVDRYCEAARSEIQVLEHLNTTDPNST FRCVQMLEWFEHHGHICIVFELLGLSTYDFIKENGFLPFRLDHIRKMAYQICKSVNFL HSNKLTHTDLKPENILFVQSDYTEAYNPKIKRDERTLINPDIKVVDVFGSATYDDEHHS

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TLVSTRHYRAPEVILALGWSQPCDVWSIGCILIEYYLGFTVFPTHDSKEHLAMMERIL
 GPLPKHMIQKTRKRKYFHHDRLDWDEHSSAGRYVSRRCPLKEFMLSQDVEHERL
 FDLIQKMLEYDPAKRITLREALKHPFFDLLKCSI

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

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

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION
Gene Name

CLK1 CDC-like kinase 1 [Homo sapiens]

Official Symbol

CLK1

Synonyms

CLK1; CDC-like kinase 1; dual specificity protein kinase CLK1; CDC28/CDC2-like kinase; protein tyrosine kinase STY; CLK; STY; CLK/STY;

Gene ID

1195

mRNA Refseq

NM_001162407

Protein Refseq

NP_001155879

MIM

601951

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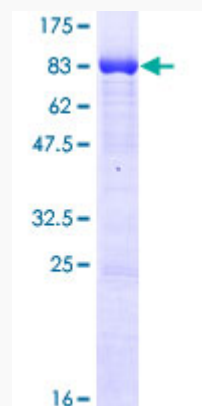
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UniProt ID

P49759

Quality Control

Testing:



12.5% SDS-PAGE Stained with Coomassie Blue.

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