

Recombinant Full Length Human CLK1 Protein

Cat. No. CLK1-88HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human CLK1 with N terminal proprietary tag, predicted mwt: 79.31 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	484 amino acids
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.
Form	Liquid
Molecular Mass	79.310kDa inclusive of tags
AA Sequence	MRHSKRTYCPDWDDKDWDYGKWRSSSSHKRRKRSHSSAQE NKRCKYNHSMKC DSHYLESRSINEKDYHSRRYIDEYRNDY TQGCEPGHRQRDHESTRYQNHSSKSSGR SGRSSYKSKHRIH HSTSHRRSHGKSHRRKRTRSVEDDEEGHLICQSGDVLSAR YE IVDTLGEAFGKVVCEIDHKAGGRHVAVKIVKNVDRYC EAARSEIQVLEHLNTTDPN

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STFRCVQMLEWFEHHGHICIV FELLGLSTYDFIKENGFLPFRLDHIRKMAYQICKSVN
 FLH SNKLTHDLKPENILFVQSDYTEAYNPKIKRDERTLINPD IKVVDGFSATYDDEH
 HSTLVSTRHYRAPEVILALGWSQPC DVWSIGCILIEYYLGFTVFPTHDSKEHLAMME
 RILGPLPK HMIQKTRKRKYFHHDRLDWDEHSSAGRYVSRCKPLKEFM LSQDVEH
 ERLFDLIQKMLEYDPAKRITLREALKHPFFDLL KCSI

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents: 0.79% Tris HCl, 0.31% Glutathione.

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

Gene ID 1195

mRNA Refseq NM_001162407

Protein Refseq NP_001155879

MIM 601951

UniProt ID P49759

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