

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	<p>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.</p>
Form	Liquid
Molecular Mass	79.310kDa inclusive of tags
AA Sequence	MRHSKRTYCPDWDDKDWDYGKWRSSSSHKRRKRSHSSAQE NKRCKYNHSMKC DSHYLESRSINEKDYHSRRYIDEYRNDY TQGCEPGHRQRDHESTRYQNHSSKSSGR SGRSSYKSKHRIH HSTSHRRSHGKSHRRKRTRSVEDDEEGHLICQSGDVLSAR YE IVDTLGEAGFGKVVECIDHKAGGRHVAVKIVKNVDRYC 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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