

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	<p>MRHSKRTYCPDWDDKDWDYGKWRSSSSHKRRKRSHSSAQE NKRCKYNHSMKC DSHYLESRSINEKDYHSRRYIDEYRNDY TQGCEPGHRQRDHESTRYQNHSSKSSGR SGRSSYKSKHRIH HSTSHRRSHGKSHRRKRTRSVEDDEEGHLICQSGDVLSAR YE IVDTLGEFAGFKVVECIDHKAGGRHVAVKIVKNVDRYC EAARSEIQVLEHLNNTDPN</p>

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

STFRCVQMLEWFEHHGHICIV FELLGLSTYDFIKENGFLPFRLDHIRKMAYQICKSVN
 FLH SNKLTHDLPENILFVQSDYTEAYNPKIKRDERTLINPD IKVVDFGGSATYDDEH
 HSTLVSTRHYRAPEVILALGWSQPC DVWSIGCILIEYYLGFTVFPTHDSKEHLAMME
 RILGPLPK HMIQKTRKRKYFHHDRLDWEHSSAGRYVSRCKPLKEFM 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](#)

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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