

Recombinant Human CLP1 protein, MYC/DDK-tagged

Cat. No. CLP1-185H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CLP1, transcript variant 1, fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a member of the Clp1 family. The encoded protein is a multifunctional kinase which is a component of the tRNA splicing endonuclease complex and a component of the pre-mRNA cleavage complex II. This protein is implicated in tRNA, mRNA, and siRNA maturation. Mutations in this gene are associated with pontocerebellar hypoplasia type 10 (PCH10). Alternatively splice transcript variants encoding different isoforms have been found for this gene.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	47.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	CLP1 cleavage and polyadenylation factor I subunit 1 [Homo sapiens]
-----------	---

 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

Official Symbol	CLP1
Synonyms	HEAB; hClp1; ATP/GTP-binding protein; CLP1; homolog of yeast CFIA subunit Clp1p; polyadenylation factor Clp1; polynucleotide kinase Clp1; pre-mRNA cleavage complex II protein Clp1
Gene ID	10978
mRNA Refseq	NM_006831
Protein Refseq	NP_006822
MIM	608757
UniProt ID	Q92989
Chromosome Location	11q12
Pathway	Cleavage of Growing Transcript in the Termination Region, organism-specific biosystem; mRNA 3'-end processing, organism-specific biosystem; mRNA surveillance pathway, conserved biosystem
Function	ATP binding; ATP-dependent polydeoxyribonucleotide 5'-hydroxyl-kinase activity; polydeoxyribonucleotide kinase activity

 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