Recombinant Human CLP1 Protein, GST-tagged

Cat. No. CLP1-4667H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HEAB full-length ORF (NP_006822.1, 1 a.a. - 425 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Sep 2014]
Molecular Mass	74 kDa
AA Sequence	MGEEANDDKKPTTKFELERETELRFEVEASQSVQLELLTGMAEIFGTELTRNKKFTF DAGAKVAVFTWHGCSVQLSGRTEVAYVSKDTPMLLYLNTHTALEQMRRQAEKEEE RGPRVMVVGPTDVGKSTVCRLLLNYAVRLGRRPTYVELDVGQGSVSIPGTMGALYI ERPADVEEGFSIQAPLVYHFGSTTPGTNIKLYNKITSRLADVFNQRCEVNRRASVSG CVINTCGWVKGSGYQALVHAASAFEVDVVVVLDQERLYNELKRDLPHFVRTVLLPK SGGVVERSKDFRRECRDERIREYFYGFRGCFYPHAFNVKFSDVKIYKVGAPTIPDSC LPLGMSQEDNQLKLVPVTPGRDMVHHLLSVSTAEGTEENLSETSVAGFIVVTSVDLE

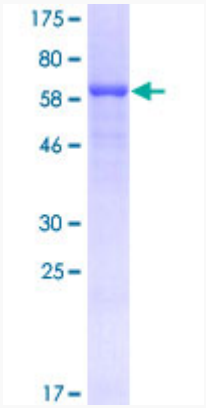
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	HQVFTVLSPAPRPLPKNFLLIMDIRFMDLK
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 -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCI, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	CLP1 cleavage and polyadenylation factor I subunit 1 [Homo sapiens (human)]
Official Symbol	CLP1
Synonyms	CLP1; cleavage and polyadenylation factor I subunit 1; HEAB; hClp1; polyribonucleotide 5'-hydroxyl-kinase Clp1; ATP/GTP-binding protein; homolog of yeast CFIA subunit Clp1p; polyadenylation factor Clp1; polynucleotide kinase Clp1; pre-mRNA cleavage complex II protein Clp1; EC 2.7.1.78
Gene ID	10978
mRNA Refseq	NM_001142597
Protein Refseq	NP_001136069
MIM	608757

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UniProt ID	Q92989
Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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