

Product datasheet for RC201772L4V

HEAB (CLP1) (NM_006831) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	HEAB (CLP1) (NM_006831) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HEAB
Synonyms:	hClp1; HEAB
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006831
ORF Size:	1275 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201772).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_006831.1
RefSeq Size:	1864 bp
RefSeq ORF:	1278 bp
Locus ID:	10978
UniProt ID:	Q92989
Cytogenetics:	11q12.1
MW:	47.6 kDa


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Gene Summary:

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]