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Product datasheet for RC204175L3V

Hephaestin (HEPH) (NM_014799) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Hephaestin (HEPH) (NM_014799) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Hephaestin
Synonyms:	CPL
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_014799
ORF Size:	3477 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204175).
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_014799.2
RefSeq Size:	4284 bp
RefSeq ORF:	2676 bp
Locus ID:	9843
UniProt ID:	Q9BQS7
Cytogenetics:	Xq12
Domains:	Cu-oxidase
Protein Families:	Druggable Genome, Transmembrane

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MW: 130.4 kDa

Gene Summary: This gene encodes a member of the multicopper oxidase protein family. The encoded protein is involved in the transport of dietary iron from epithelial cells of the intestinal lumen into the circulatory system, and may be involved in copper transport and homeostasis. In mouse, defects in this gene can lead to severe microcytic anemia. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]