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Product datasheet for RC204848L1V

EHD2 (NM_014601) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	EHD2 (NM_014601) Human Tagged ORF Clone Lentiviral Particle
Symbol:	EHD2
Synonyms:	PAST2
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_014601
ORF Size:	1629 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC204848).`
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_014601.2, NP_055416.2
RefSeq Size:	3601 bp
RefSeq ORF:	1632 bp
Locus ID:	30846
UniProt ID:	Q9NZN4
Cytogenetics:	19q13.33
Protein Pathways:	Endocytosis
MW:	61.2 kDa

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Gene Summary: This gene encodes a member of the EH domain-containing protein family. These proteins are characterized by a C-terminal EF-hand domain, a nucleotide-binding consensus site at the N terminus and a bipartite nuclear localization signal. The encoded protein interacts with the actin cytoskeleton through an N-terminal domain and also binds to an EH domain-binding protein through the C-terminal EH domain. This interaction appears to connect clathrin-dependent endocytosis to actin, suggesting that this gene product participates in the endocytic pathway. [provided by RefSeq, Jul 2008]