Product datasheet for RC208491L3V

HE4 (WFDC2) (NM_006103) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	HE4 (WFDC2) (NM_006103) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HE4
Synonyms:	dJ461P17.6; EDDM4; HE4; WAP5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_006103
ORF Size:	372 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208491).
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_006103.3
RefSeq Size:	570 bp
RefSeq ORF:	375 bp
Locus ID:	10406
UniProt ID:	Q14508
Cytogenetics:	20q13.12
Domains:	WAP
Protein Families:	Secreted Protein, Transmembrane

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MW: 13 kDa

Gene Summary: This gene encodes a protein that is a member of the WFDC domain family. The WFDC domain, or WAP Signature motif, contains eight cysteines forming four disulfide bonds at the core of the protein, and functions as a protease inhibitor in many family members. This gene is expressed in pulmonary epithelial cells, and was also found to be expressed in some ovarian cancers. The encoded protein is a small secretory protein, which may be involved in sperm maturation. [provided by RefSeq, Jul 2008]