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Product datasheet for RC205353L2V

VPS26 (VPS26A) (NM_004896) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	VPS26 (VPS26A) (NM_004896) Human Tagged ORF Clone Lentiviral Particle
Symbol:	VPS26
Synonyms:	HB58; Hbeta58; PEP8A; VPS26
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_004896
ORF Size:	981 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205353).
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_004896.3
RefSeq Size:	2707 bp
RefSeq ORF:	984 bp
Locus ID:	9559
UniProt ID:	O75436
Cytogenetics:	10q22.1
Domains:	Vps26
MW:	38.2 kDa

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Gene Summary:

This gene belongs to a group of vacuolar protein sorting (VPS) genes. The encoded protein is a component of a large multimeric complex, termed the retromer complex, involved in retrograde transport of proteins from endosomes to the trans-Golgi network. The close structural similarity between the yeast and human proteins that make up this complex suggests a similarity in function. Expression studies in yeast and mammalian cells indicate that this protein interacts directly with VPS35, which serves as the core of the retromer complex. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]