

Product datasheet for SC207134

VPS45A (VPS45) (NM_007259) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	VPS45A (VPS45) (NM_007259) Human 3' UTR Clone
Symbol:	VPS45A
Synonyms:	H1; H1VPS45; SCN5; VPS45A; VPS45B; VPS54A; VSP45; VSP45A
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_007259
Insert Size:	563 bp
Insert Sequence:	<p>>SC207134 3'UTR clone of NM_007259</p> <p>The sequence shown below is from the reference sequence of NM_007259. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
GTCACATCAAGGTCAGCGAGCAGAAGAAGAACGGTGGTTGGGGGAAGGGCACAGCTTCTCTCTTGTGTC
CCCACTACAGGTTTTCCCTACTAAACAAAGGTGTTGGAGAGCAGCTTTGGGTTCTGTGCTGGTTGTTAG
AACTCATCTCCAGGTAGCCACGGATACGTGGTTGGCACAGACACAAGACTCCCAGAGTTGTCCTAACA
ATAAGTCTGAGCCCATCTCAACCCACTTTCTCCGGTAGTCTTTATGTATCTGTTAGCACAATCACTTC
AGTTACTGATGAATTTTGTGGGATCTGACTTGGGGAAAGGGTTATCAGAGCCTAGAGGGGCTTAAAAA
GTAATCATTTGATGTACATACCACACTCCTTGGCTTCTTTCTCTTCCCTTAACCCCTTCTGCTTTTCA
TTAACCACATTCTGCACAACCTATTTCTGAAAACCTACCATGTTTCTTTACAGAGCCATCCAAAAATT
TTTTGTCCCTACATAGCAATTTTCTGTGGCACTGAGAAACCATGTATGACCACAATAAAATCCATTTT
GTGAAAGGATA
ACGCGTAAGCGGCCGCGGCATCTAGATTCTGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).


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Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_007259.5
Summary:	Vesicle mediated protein sorting plays an important role in segregation of intracellular molecules into distinct organelles. Genetic studies in yeast have identified more than 40 vacuolar protein sorting (VPS) genes involved in vesicle transport to vacuoles. This gene is a member of the Sec1 domain family, and shows a high degree of sequence similarity to mouse, rat and yeast Vps45. The exact function of this gene is not known, but its high expression in peripheral blood mononuclear cells suggests a role in trafficking proteins, including inflammatory mediators. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jul 2013]
Locus ID:	11311
MW:	20.7