Product datasheet for RC227422L3V

VSTM5 (NM_001144871) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	VSTM5 (NM_001144871) Human Tagged ORF Clone Lentiviral Particle
Symbol:	VSTM5
Synonyms:	C11orf90
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001144871
ORF Size:	600 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC227422).
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_001144871.1
RefSeq ORF:	603 bp
Locus ID:	387804
UniProt ID:	A8MXK1
Cytogenetics:	11q21
Protein Families:	Transmembrane
MW:	22.2 kDa

View online »

Gene Summary: Cell adhesion-like membrane protein of the central nervous system (CNS) which modulates both the position and complexity of central neurons by altering their membrane morphology and dynamics. Involved in the formation of neuronal dendrites and protrusions including dendritic filopodia. In synaptogenesis, regulates synapse formation by altering dendritic spine morphology and actin distribution. Promotes formation of unstable neuronal spines such as thin and branched types. Regulates neuronal morphogenesis and migration during cortical development in the brain.[UniProtKB/Swiss-Prot Function]