Product datasheet for RC206764L2V

SPON2 (NM_012445) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SPON2 (NM_012445) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SPON2
Synonyms:	DIL-1; DIL1; M-SPONDIN; MINDIN
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_012445
ORF Size:	993 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206764).
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_012445.1
RefSeq Size:	1807 bp
RefSeq ORF:	996 bp
Locus ID:	10417
UniProt ID:	Q9BUD6
Cytogenetics:	4p16.3
Domains:	tsp_1
Protein Families:	Secreted Protein

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MW: 35.6 kDa

Gene Summary: Cell adhesion protein that promotes adhesion and outgrowth of hippocampal embryonic neurons. Binds directly to bacteria and their components and functions as an opsonin for macrophage phagocytosis of bacteria. Essential in the initiation of the innate immune response and represents a unique pattern-recognition molecule in the ECM for microbial pathogens (By similarity). Binds bacterial lipopolysaccharide (LPS).[UniProtKB/Swiss-Prot Function]