

Product datasheet for MC201295

Spon2 (NM_133903) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Spon2 (NM_133903) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Spon2
Synonyms:	2310045I24Rik; AI504350; M-spondin; Mindin; Mspondin
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC017616 sequence for NM_133903

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AGAAGGTTGAGCAGAGAACCCCTGCAGCAGGAAAACCTCTTGCTTCTTGTCTCAAGCCCCTTCTGGCAC
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GAGGGGCAGTTTTTCAAACTTGGCCCTTGTGTGCTGTTGATCCCCTGCATTGAATAAAGTCTGTGTT
CCTGAAAAAAAAAAAAAAAAAAAAAAAAA

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Restriction Sites:	RsrII-NotI
ACCN:	NM_133903
Insert Size:	993 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	BC017616 , AAH17616
RefSeq Size:	1778 bp
RefSeq ORF:	993 bp
Locus ID:	100689
UniProt ID:	Q8BMS2
Cytogenetics:	5 B1
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. Binds bacterial lipopolysaccharide. Essential in the initiation of the innate immune response and represents a unique pattern-recognition molecule in the ECM for microbial pathogens.[UniProtKB/Swiss-Prot Function]