

Product datasheet for MC214659

Speer4d (NM_025759) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Speer4d (NM_025759) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Speer4d
Synonyms:	4933431D05Rik; SPEER-4D
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC214659 representing NM_025759 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGTGGATGGCTCTCAGACAGACATCATCCCTGTACCTGTCTAAGCAAGAAGCAGTTTGAGAAGGAAG
 AGAAAAAGCTGATCAAAGAGATCCAGCTCACTACCAAGGAGACAAATGAGCTGAGAGATCGCCTGATCTA
 CGTGACCGAGGAATCCATGAACAAGAGGCCCTACCACAGGCAAAATCCCCTTTATGAAAAATTGAAGTTA
 AAGGAGAAGGAGATCATGACATTTCTACACAACCTAGAGATGGAGAACATGGAGGCCCAAGAGACAAGC
 AGGAGCTCAAGAAGGAGACACATTTCTATCGTAACCTGCACAGCCGGCTCCTGATGGAGGAGAATCTTAT
 AAAGAAGAAGTTGATGACATTGCAGCAGGAGAGCAAGGAAGTACAGGCTGATTGGCCATCATTCACCAA
 TGTTTGGTGAATTGAACCTGAGTGGTAAAGACGAACAGGAGGAGAACAGCAATCTTGAGACTCCAGAAT
 ATCAGGTCTCAGAACTGCAAGAGAGCTGGGATTGGCCACAGCTGAAGAAGACAGCATCCTGCAGAATGA
 GTTGCCAGGCCAGGAGGCCCTGCTGAGCACCATCTCCAGCACCTACAATCATCTCGGATGAATCTTCT
 TCCAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_025759
Insert Size:	639 bp


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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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_025759.3</u> , <u>NP_080035.2</u>
RefSeq Size:	1159 bp
RefSeq ORF:	639 bp
Locus ID:	360220
Cytogenetics:	5 A2