

Product datasheet for MC209398

Shd (NM_001159523) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: Shd

Synonyms: AI413439

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >MC209398 representing NM_001159523
Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCCAAGTGGCTCCGAGACTATCTGAACTTGGGCAGCCGGAGGCCCTCCGAGCCGCCACCCCCG
ACTACACCGAGAGCGACATCCTGCGGGCCTACCGCAACAGAAGGACCTGGACTTCGAGGACCCCTATGA
GGATTCCAATGGCCGCGCTGAGCCAGAGGTACCGGGTCCGGTGACCCCAAGTACAACCTCTCCTAGGCAC
CGGCTGATCAAGGTGGAGGCTGCAGACATGGCCAGAGCCAAGGCTCTGCTGGGGAGCCCGGGGAAGAGC
AGCCGGAAGCAGAACTGAGTACTCAGACCCTTTGATGCCAGCCTCAGCCACCAGCCCCCAACAGTGG
GTACATGGAGCCCTATGATGCCCGGAGCGTCTCCAGTGAACAGCCAAGCAGAGCTGTCCAGCTTTACGAT
ACTCCATATGAGGAGCAGGCTACGAAACCAGAAGATGGAGGGTCTTCGGGCCAGAGCCGAGGCCCTGG
AGGATGAGAGGCCAGCAGATGAATACGACCAGCCTTGGAGTGGAAGAAGGATCACATCTCCAGGGCTTT
CGCAGTGCAATTTGATGGTCTGACTGGGAACGGAAGTCCATGCTCCACCAAGGAGCCCTGGAGACCACAG
CCTGCGGAGCGTGTGGATACAGCCCTTGCCCTGGAGAAGCAGCCGTGGTTTACGGCCCCCTGAGCCGAG
CAGAGGCCGAGAACCTTCTGTCCCTCTGCAAGGAAGGCAGCTACCTCGTTCCGCTCAGCGAGACCAGGGC
TCAGGACTGCATTCTGTCTCTCAGAAGCAACCAGGGTTCATGCACCTGAAATTCGCAAGGACCCGGGAG
AACCAGGTGGTACTGGGACAGCACAGTGGGCCCTTCCCAGCATACCTGAGCTGGTCTGCTTACATTACAGTG
CCCCCCTAGTCCCGTGAAGGGGAGAGCACCTGGCCCTGCTCTATCCTGTACCAGCAGCCAGAGCTC
TCAAGGACCTGCACATTGGCTGCTAAGCCAGAGAGGGGACAAGGGGACCCATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



ACCN:	NM_001159523
Insert Size:	1035 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:	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:	NM_001159523.1 , NP_001152995.1
RefSeq Size:	1551 bp
RefSeq ORF:	1035 bp
Locus ID:	20420
UniProt ID:	O88834
Cytogenetics:	17 D
Gene Summary:	May function as an adapter protein.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).