

Product datasheet for **RN208313**

Sike1 (NM_001012182) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sike1 (NM_001012182) Rat Untagged Clone
Tag: Tag Free
Symbol: Sike1
Synonyms: RGD1311316; Sike
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN208313 representing NM_001012182
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGCTGTACGATCGAGAAGATCTTGACGGACGCCAAGACGCTGCTGGAGCGGCTGCGGAACACGATG
CGGCGCCGAGTCGCTGGTGGACCAGTCGGCCGCGCTGCACCGCGGGTGGCTGCGATGCGGGAGGCGGG
CGCCGTGTGCCGAGCAGTATCAAGAGGATGCATCCGACGTGAAGGACATGTCTAAATATAAACCTCAC
ATTCTGCTGTCTCAAGAGAATACTCAGATTAGAGACTTACAGCAGGAAAACAGAGAGCTGTGGGTCTCCT
TGGAGGAGCACCAGGATGCATTGGAACATCATGAGCAAGTACCGGAAACAAATGTTACAGTTAATGGT
TGCTAAACAAGCAGTGGATGCTGAACAGTTTTGAAAGCTCATCAGTCTCACTCTGCAGAAATTGAAAGT
CAGATCGATAGAATCTGTGAAATGGGAGCAGTGATGCGGAGAGCGGTTCCAGGTGGACGATAACCAGTTCT
GTAAGATTCAGGAGAACTAGCTCAACTGGAGCTTAAAAATAAGGAACTTCGAGAATTACTGTCCATCAG
CAGTGAGTCTCTCCAGTTGAAAAGAAAGCTCTGTGGCTCCCGAGGCTCAGACCATCAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001012182
Insert Size: 624 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).



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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:	<u>NM_001012182.2</u> , <u>NP_001012182.1</u>
RefSeq Size:	2393 bp
RefSeq ORF:	624 bp
Locus ID:	362007
UniProt ID:	<u>Q5FWT9</u>
Cytogenetics:	2q34
Gene Summary:	Physiological suppressor of IKK-epsilon and TBK1 that plays an inhibitory role in virus- and TLR3-triggered IRF3. Inhibits TLR3-mediated activation of interferon-stimulated response elements (ISRE) and the IFN-beta promoter. May act by disrupting the interactions of IKBKE or TBK1 with TICAM1/TRIF, IRF3 and DDX58/RIG-I. Does not inhibit NF-kappa-B activation pathways (By similarity).[UniProtKB/Swiss-Prot Function]