

Product datasheet for MC209477

Stra8 (NM_009292) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Stra8 (NM_009292) Mouse Untagged Clone
Tag: Tag Free
Symbol: Stra8
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209477 representing NM_009292
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCACCCCTGGAGAAGGCAACCAACCCAGTGTATGGGGCACCCAGCCATTGGCGCAGCTGCAGA
AGCTTGAGCCTCGGGTGGTCCGAGACGCCTGTACAGGCCCGCCATCGAGCCACCCTGGTAGGGCTCTT
CAACAACCTAAGGAAGGCAGTTTACTCCAGTCTGATATCACAGCCTCAAAGTGGCAGGTAATGAATAGG
ACAAAGATTTCATATTCAGGAACAGGAAGAAGCCTGGATAAGTTGCTGAAGCTCAAAGCATCCTTCAACC
TGCAAGATGGGAATCCCAACAGCTTAGAGGAGGTCAAGGAAGAATATGCCAGAATGTATTCCGAGAAATGA
CAGTGTATTCTAAACAGTTTTCTCAGGACAGTCCCCCTGAGTGGTTCCCTCTGAGGCTGTTGGACCA
GATGCTGAAGAAGAAGGAGAAGAAGAAGGAGAAGAAGAAGGAGAAGAAGGAGAAGAAGGAGAAGGAG
ACGAAGAAGGAGAAGAAGAAGAAAACGGTGAAGAGAGAGAGGTAGAGGAGTACCAGGAAGAGGAAGA
AGAAGAAGAGGAGGAGGAGAAAAAGTCGATCTCTCCACTCCTCCTCCACTCTGTTGCCGGACCTCATG
GAATTTGAACGGTATCTCAACTTTTACAAGCAGACCATGGACCTCCTGACCATGAACAGCATCATCTCTG
CACATGAAGTGACTTCTATTGTCTCTGCCGCATCTCCACCTGTGGCAGACTCTCTCTGAGGAGAA
AAAGGCCAGACTCCTGCAGGTGTGGGAACAGCAGCACAGCGCCTTCGAGACCTCACCGAGCCTGTCTA
GAGCTGGCCGGGTGGAGGGCAGCATGAAGGACAGCGGCTGGACAGCCAGGGAGCGAGCTGCTCGCTGG
AGTCCACCCAGAAAGAGATCCTTTTTGAAGATGCTTTTGACGTGGCAAGTTTCTGGACAAGAGTGAGGC
CCAGCATATGTCTAACATCAGCGCTATGTTTGCCACCTGCAACTCAGAAAATCCAGAGGAGAAAATTCAG
CTCTACATACAGATCATTGAGTTTTTCAAAGCCTTGGCTGTGTTAACTCCATTAACAGGAACCGAG
AGCCCCAGATGATGATGATGCAATGTTGCTGAAGTGCCTGGAGACCTTTGACGATCTGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_009292



Insert Size:	1182 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
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:	NM_009292.1 , NP_033318.1
RefSeq Size:	1455 bp
RefSeq ORF:	1182 bp
Locus ID:	20899
UniProt ID:	P70278
Cytogenetics:	6 B1
Gene Summary:	Meiosis-inducer required for the transition into meiosis for both female and male germ cells. In female germ cells, required for premeiotic DNA replication and subsequent events in meiotic prophase. During spermatogenesis, next to its role in meiotic initiation, promotes (but is not required for) spermatogonial differentiation. Can associate with DNA (possibly in an indirect manner), and in vitro can activate DNA transcription.[UniProtKB/Swiss-Prot Function]