

Product datasheet for MC209468

Znrf4 (NM_011483) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Znrf4 (NM_011483) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Znrf4
Synonyms:	1700094M01Rik; spzn; Ssrzf1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209468 representing NM_011483 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGCGCGGTTTGCCTGGACCCGGGTAGCCCCAGTGGCCCTGGTGACTTTCTGGCTGGTCTGTCCCTGT
CGCCACGGACGCTCAGTTAACTTGAGCTCTGTGGACTTCTTGGACCTCCCGCGCTGCTTGGGGTTCC
TGTGGACCCCAAGAGGGCAGCGGATACCTGCTGGTGGCCCGGCCGCGACGCTGCCACGCCATCGAG
GGCCCTGGCCCGACAACCACTCACTGGACCCACTAGTGTGGTCCGGCCCTGGGCTGCTCCTGGGAGC
AAACAGGGCGGCGAGCACAGAGAGCTGGAGCCACAGCAGCCTCAGTGGGCCCTGAGGCCCCAGGGCAGCT
GCGCGAGTTTGGAGACTTGGAGGTGACCGTACGCTGCGACCGAGCCAGCCGCGTGTCTGCTGCCTACGCG
GAACCCTGCCCGACCCGAGTGTACCCCTGTAGTGGTTGCATCCTGGGCGCTCGCCGAGCCCTGGCCC
TGGCCGCATCTACGCTGTTCTGTCTGCGGCAGCTGTGGCCGTGGGTCCGGGGCTTGGGTAGCCGGGGCAC
CGCGGTGAAGACGCAGACATGCCAGAAGGCACAGGTGCGCACGTTACGCGCCTCAGCGACCTGTGCGCC
ATCTGCCTGGACGACTACGAGGAGGGGAACGGCTCAAGATCCTGCCTTGCGCACATGCTACCACTGTC
GCTGCATCGACCCCTGGTTCTCGCGCGCCGCGCAGCGTTCATGCCCTGTGCAAACAGTCAGTGCCAG
CACTCACGACGGTTCACGGACGGCAGCGTAGGCGGCGAGGAACACCCCTCCCGGACACCGCCCGCCC
ATCTGGGCCATCCAGGCCCGGCTGCGCTCCCGCAGGCTCGAGTGTCTAGCCCGGACAGTCCCTGCCGTC
GCTGCAGCAGCACACGTCTCTGGGGTGGCGGAGAACGTGGCGCAGTCAGAAGCGACTTCCGAGCTCTC
CTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_011483
Insert Size:	984 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:	<u>NM_011483.2, NP_035613.2</u>
RefSeq Size:	1236 bp
RefSeq ORF:	984 bp
Locus ID:	20834
UniProt ID:	<u>Q9DAH2</u>
Cytogenetics:	17 D
Gene Summary:	E3 ubiquitin-protein ligase which specifically induces ubiquitination and proteasomal degradation of CANX within the endoplasmic reticulum (By similarity). Could have a role in spermatogenesis (Probable).[UniProtKB/Swiss-Prot Function]