

Product datasheet for MC218406

Crsp8 (BC016537) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Crsp8 (BC016537) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Crsp8
Synonyms:	1500015J03Rik; 2310042P07Rik; AA682045; Crsp8; D2Ertd434e
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC016537 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCGCAACAAAGAGACGCTGGAGGGCCGCGAGAAGGCCTTCATCGGAACTTCCAGGACAACCTGCATT
 CCGTCAACCGGGACCTCAATGAAGTGAACGTTTGAGCAACCTGGTAGGCAAGCCGTCTGAGAACCACCC
 TCTTCATAACAGTGGGCTGCTAAGCCTGGATCCTGTGCAGGACAAAACCCACTCTACAGCCAGCTTCTG
 CAAGCATACAAATGGTCCAACAAGCTGCAGTACCATGCAGGTCTAGCGTCTGGCCTTTTGAACCAACAGT
 CCTTGAAGCGCTCTGCAATCAGATGGGTGTGTCTGCCAAGCGGAGACCGAAGGCCAGCCACCACTCT
 GGTCTACCACTCAGTATGTGCATGACGTGATCAGCCGATTGACAGAAATGTTTCCAGAGATGTCCATT
 CACTTATCGAGACCCAATGGGACTTCAGCAATGCTTCTGGTGACCTTGGGGAAGGTGTTGAAAGTCATTG
 TGGTCATGAGGAGCCTGTTTCATCGATCGCACGATTGTGAAGGGGTATAATGAGAGCGTCTACACAGAGGA
 TGGAAAGCTGGACATATGGTCCAATCCAGCTACCAAGTGTCCAGAAGGTGACAGACCATGCCACCACT
 GCCCTGCTTCACTATCAGTTACCCAGATGCCAGACGTCGTGGTCAGGTCCTTCATGACCTGGCTGAGAA
 GCTACATTAAGCTGTTCCAGGCCCGTGCCAGCGCTGTGGGAAGTTTCTACAAGATGGCCTTCCCCGAC
 GTGGAGAGACTCCGAACCCTGGAAGCTTTCATGACACCTGCCGACAGTGA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	BC016537
Insert Size:	822 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>BC016537</u> , <u>AAH16537</u>
RefSeq Size:	1265 bp
RefSeq ORF:	821 bp
Locus ID:	68975
Cytogenetics:	2 19.84 cM
Gene Summary:	Component of the Mediator complex, a coactivator involved in the regulated transcription of nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from gene-specific regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator is recruited to promoters by direct interactions with regulatory proteins and serves as a scaffold for the assembly of a functional preinitiation complex with RNA polymerase II and the general transcription factors (By similarity). [UniProtKB/Swiss-Prot Function]