

Product datasheet for **MC209287**

Raet1a (NM_009016) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Raet1a (NM_009016) Mouse Untagged Clone
Tag: Tag Free
Symbol: Raet1a
Synonyms: RAE-1alpha; Rae1alpha; Raet1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209287 representing NM_009016
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCAAGGCAGCAGTGACCAAGCGCCATCATTTTATGATTGAGAAGCTGTTAATTCTACTGAGCTATG
GATACACCAACGGGCTGGATGATGCACACTCTTAGGTGCAACTTGACCATCAAGGATCCTACCCAGC
AGATCCTCTCTGGTATGAAGCGAAGTGCTTAGTGGATGAAATACTTATCCTCCATTTAAGTAACATAAAC
AAGACCATGACTTCAGGTGACCCAGGGGAGACAGCAAATGCCACTGAAGTGGGGGAATGTTTGACACAAC
CTCTGAAAGATTTGTGCCAGAAGTTGAGGAACAAGGTGTCTAACACCAAAGTGGACACTCACAAGACCAA
TGGTTACCCACATTTACAAGTCACCATGATTTATCTGCAAAGCCAGGGCCAAATTCCTAGTGCCACCTGG
GAATTC AACATCAGTGACAGTACTTCTCACCTTCTACACAGAGAATATGAGCTGGAGATCAGCTAATG
ATGAATCAGGGTTATCATGAATAAATGGAAAGATGATGGGAATTTGTGAAACGATTGAAATCTTGAT
ACCCGAATGCAGACAGGAAGTTGATGAATCTTAAAGCAGCCCAAGGAAAAGCCAAGATCAACCTCAAGG
TCCCCAGTATCACCCAGCTTACATCAACTTCCCCGCTTCCACCTCCAGCCACTCTACTCTAAGAAAG
GATTTATCTCTGTGGACTCATCTTCATATCTTATTATTTGCATTTGCATTTGCAATGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_009016
Insert Size: 762 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:	<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_009016.1 , NP_033042.1
RefSeq Size:	1546 bp
RefSeq ORF:	762 bp
Locus ID:	19368
UniProt ID:	O08602
Cytogenetics:	10 A3
Gene Summary:	Acts as a ligand for KLRK1.[UniProtKB/Swiss-Prot Function]