

Product datasheet for RN214135

Cd8b (NM_031539) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cd8b (NM_031539) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cd8b
Synonyms:	Cd8b1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN214135 representing NM_031539 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCAGCCATGGCTCTGGCTGGTCTTCAGTGTGAAGCTATCAGCTCTCTGGGCAGCTCTGCCCTCCTTC
AGACTCCTTCATCCCTGCTGGTCAAACCAACCAACAGCAAAAATGTCCTGTGAGGCTAAAACCTTCCC
TAAAGGAACAACCATCTACTGGCTGAGAGAGCTCCAGGATCCAACAAGAACAAGCACTTTGAGTTCCTG
CGTCCCAGGACTCAACCAAGGAATTAATATGGTGAAAGGGTGAAGAAGAATATGACTCTGTCTTTCA
ATCAACCTGCCCTTCTCAAGATCATGGATGTGAAGCCAGAGGACAGTGGCTTCTACTCTGCGCGAT
GGTTGGGAGTCCCATGGTAGTCTTTGGGACAGGGACAAAGCTGACTGTGGTTGATGTCCTTCTACAAC
GCTCCAACCAAAAAGACTACACTGAAGAAGAAACAATGTCCAACCCCAACCAAGACCCAGAAAGGCT
TGACATGTGGCCTCATTACCCTCAGCCTGCTGGTGGCCTGCATCCTGGTTCTGCTGGTATCCCTCAGTGT
GGCCATCCACTTCACTGCATGCGGAGGAGAGCCCGGATTCACCTCATGAAACAGTTTCACAAATGA

ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_031539
Insert Size:	627 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_031539.1</u> , <u>NP_113727.1</u>
RefSeq Size:	1261 bp
RefSeq ORF:	627 bp
Locus ID:	24931
UniProt ID:	<u>P05541</u>
Cytogenetics:	4q31
Gene Summary:	a marker for cytotoxic T cells; involved in cell-cell interactions [RGD, Feb 2006]