

Product datasheet for **RN208830**

Cd8a (NM_031538) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cd8a (NM_031538) Rat Untagged Clone
Tag: Tag Free
Symbol: Cd8a
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN208830 representing NM_031538
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCTCACGGGTGATCTGCTTTCTGTCGCTGAACCTGCTACTGCTGGATGTTATCACTAGGCTCCAGG
 TTTCCGGACAGTTACAGTTGTCACCAAAGAAAGTGGACGCTGAAATTGGCCAGGAGGTGAAGCTAACATG
 CGAAGTGCTGCGGGACACTTCGCAAGGATGCTCTTGGCTTCCGGAACCCAGCTCCGAACCTCCAG
 CCCACCTTCATCATCTATGTATCTTCATCCCGGAGCAAGCTGAACGATATACTGGATCCGAATCTGTTCT
 CTGCCCGAAGGAAAACAACAAATACATCCTCACCTGAGCAAGTTCAGCACTAAAAACCAAGGCTACTA
 TTTCTGCTCAATCACCAGCAACTCGGTGATGTACTTCAGTCTCTGCTGCGGGTGTTCAGAAAGTGAAC
 TCTATTATACCAAGCCGGTGACGCGAGCTCCACACCAGTGCCTCCTACAGGGACACCCCGGCCCC
 TACGACCAGAAGCTTGCCGACCCGGGGCGAGTGGCTCAGTGGAGGGAATGGGATTGGCTTCGCCTGCGA
 TATTTACATCTGGGCACCCTTGCCGGAATCTGCGCGTTCTTCTGCTGTCCCTGGTCATCACTCTCATC
 TGCTGCCACAGGAACCGAAGCGTGTGCAAATGTCCAGGCCCTTGCAAGCCAGACCTTCAGAGA
 AATTCGT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_031538
Insert Size: 711 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_031538.2 , NP_113726.1
RefSeq Size:	1413 bp
RefSeq ORF:	711 bp
Locus ID:	24930
UniProt ID:	P07725
Cytogenetics:	4q31
Gene Summary:	increased expression on mast cells is induced by nitric oxide; may play a role in inflammatory response [RGD, Feb 2006]