

Product datasheet for **RN203292**

Itgae (NM_031768) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Itgae (NM_031768) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Itgae
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN203292 representing NM_031768 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGTGGTTCTTCCATGCCCTTCTCTCGTGGCCAGCCTGAAGCCCTGGGAGCCTTCAATGTGGATG
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TGGATATCAACATGGATGGAATCACAGATTTTCTGCTGGTGGCAGCTCCATTTTACCACATCCGTGGAGA
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GGGTACCCTGGGCTCACCAGTAGCCGCTTCGGCTTTGCCATGGCAGCTGTGGGGATATCAATCAAGATA
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TCAAAAGAAAATATAACAGCTGAACTTGGAGAGCGTAAGGAAGGCACAGCTGAAGTCTGACAGTCTGCT
CGAAGAT TAG
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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_031768
- Insert Size:** 3510 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.

RefSeq: [NM_031768.2](#), [NP_113956.2](#)

RefSeq Size: 3754 bp

RefSeq ORF: 3510 bp

Locus ID: 83577

Cytogenetics: 10q24

Gene Summary: cell adhesion molecule that mediates cell-cell interaction; marker for veiled cells (dendritic cells in lymph) [RGD, Feb 2006]