

Product datasheet for RN213128

Fcer1a (NM_012724) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fcer1a (NM_012724) Rat Untagged Clone
Tag: Tag Free
Symbol: Fcer1a
Synonyms: Iger01; RATIGER01
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN213128 representing NM_012724
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATACTGGAGGATCTGCCCGGCTGTGCCTAGCATTAGTGCTCATATCTCTGGGTGTCATGCTAACAG
 CCACTCAGAAATCTGTAGTGTCTTGGACCCACCGTGGATTAGAATACTTACAGGAGATAAAGTGACTCT
 TATATGCAATGGGAACAATTCCTCTCAAATGAACTCTACTAAATGGATCCACAATGATAGCATCTCTAAT
 GTGAAATCGTCACATTGGGTCATTGTGAGTGCCACCATTCAAGACAGTGGAAAATACATATGTCAGAAGC
 AAGGATTTTATAAGAGCAAACCTGTGTACTTGAACGTGATGCAAGAGTGGCTGCTGCTCCAATCTTCTGC
 TGACGTGGTCTTAGACAATGGATCCTTTGACATCAGATGCCGTAGCTGGAAGAAATGGAAAGTCCACAAG
 GTGATCTACTACAAGGACGACATTGCTTTCAAGTACTCTTATGACAGCAACAACATCTCCATTAGAAAGG
 CCACATTTAATGACAGTGGCAGCTACCACTGCACAGGCTATTTGAACAAGTTGAATGTAATCTGATAA
 ATTCAGTATTGCTGTAGTAAAAGATTACACAATTGAGTATCGTTGGCTACAACCTATTTCCCATCATTG
 GCGGTATTCTGTTTGTGTGGACACTGGGTTATGGTTCTCAACCCACAAACAGTTTGAATCCATCTTGA
 AGATTCAGAAGACTGGAAAAGGCAAAAAAAGGTTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_012724
Insert Size: 738 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:	<u>NM_012724.4</u> , <u>NP_036856.1</u>
RefSeq Size:	1108 bp
RefSeq ORF:	738 bp
Locus ID:	25047
UniProt ID:	<u>P12371</u>
Cytogenetics:	13q24
Gene Summary:	alpha subunit of the high affinity IgE receptor, which binds IgE and mediates allergic response [RGD, Feb 2006]