

Product datasheet for MC208508

Frat1 (NM_008043) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Frat1 (NM_008043) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Frat1
Synonyms:	AW060382
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC208508 representing NM_008043 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCTTGCCGGAGGGAGGAGGAGGAGGAAGCCGGCGACGAGGCGGAGGGGGAGGAGGACGACGACAGCT
TCCTCCTGCTGCAGCAGTCGGTACTCTGGGTGGCTCGACCGACGTGGACCAGCTCATCGTCCAGATCGG
CGAGACGCTGCAGCTGGACGCAGCGCACGATCGCCCGCCTCGCCGTGTGCCGCCCGGGTCCCCCGCCC
CCGCAGGTCCTGGCGGCCTGCCGGCGACAAGACCGGGACCCAGCTAGGAGGCTGCTGCGGCCGACGG
GGTCAGCGGAGACCGGAACCCCTGCGCCCCGGGGCCGTGCGCTGCGTGTAGGGGAGCGGGGCGCT
GCGGGGACGGTCGGCGCCCTACTGCGTGGCGGAGATCTCCCCGGCGCCAGCGCGCTGCCCCAGCAGCCG
GGCCTTGACGGACCCCGGGGACCGGCAAACTAAGCACCCCGCAGCCACTGTCGGGCCCGTGCCTCCGGG
GTTGGCTCCGGAACGCAGCCCGCTCCCGCGCTTGCAACAGCGACGCGGATCTCAGCCGGAGACCCGCAC
TGGCGACGACGACACCCGACCCGGCTCCTGCAGCAGCTCGTGTCTCGGGAAACCTCATCAAGGAGGCG
GTGCGCAGACTTCATTGCGCAGCTACAGTTACACGCAAAGCTTCCCGCACACCCGTTCTCGGGCCTC
TGTCAGCCCCAGTGCATGAGCCGCTTCGCCGGGAGCCCTCGCGCGCCTGCAGCGACCCCTGGCGCTTT
CATGGGGAGGGCGCAGCTCAGAAGTGGGACGACCTTCTGTCCCTGGCAGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_008043
Insert Size:	825 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_008043.3 , NP_032069.2
RefSeq Size:	2614 bp
RefSeq ORF:	825 bp
Locus ID:	14296
UniProt ID:	P70339
Cytogenetics:	19 35.3 cM
Gene Summary:	Positively regulates the Wnt signaling pathway by stabilizing beta-catenin through the association with GSK-3. May play a role in tumor progression and collaborate with PIM1 and MYC in lymphomagenesis.[UniProtKB/Swiss-Prot Function]