

Product datasheet for **MC207976**

Agr3 (NM_207531) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Agr3 (NM_207531) Mouse Untagged Clone
Tag: Tag Free
Symbol: Agr3
Synonyms: BCMP11; E030025L21Rik; Gm888
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207976 representing NM_207531
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTACATTCCGCTCTGGCCCTCGCCTCTTGCTGATCAGGTTTCTTCAAACCTTGCCATTGCTATCA
 AAAAAGAAAAGAGACCTCCTCAGACACTCTCAAGAGGATGGGGAGATGACATCACATGGGTGCAAACCTTA
 CGAAGAAGGTCTCTTTCATGCTCGAAAAGTAACAAACCACTGATGGTTATTCACCACCTGGAGGACTGT
 CAGTACTGTCAAGCACTAAAAAGGAATTTGCCAAAAATGAAGAAATACAAGAAATGGCACAATAATGACT
 TCATCATGCTGAATCTCATGTCATGAGACCACGGACAAGAATTGTACCTGATGGGCAGTACGTGCCAG
 GATCATGTTTGTGACCCCTTCTTGACTGTCAGGGCTGATATACTGGAAGATACTCTAACAGACTATAC
 ACGTATGAACCCAGGACTTACCCATGTTGGTAGACAACATGAAGAAAGCACTAAGACTTATCCAGTCAG
 AGTTGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_207531
Insert Size: 498 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_207531.3</u> , <u>NP_997414.2</u>
RefSeq Size:	819 bp
RefSeq ORF:	498 bp
Locus ID:	403205
UniProt ID:	<u>Q8R3W7</u>
Cytogenetics:	12 A3
Gene Summary:	Required for calcium-mediated regulation of ciliary beat frequency and mucociliary clearance in the airway. Might be involved in the regulation of intracellular calcium in tracheal epithelial cells.[UniProtKB/Swiss-Prot Function]