

Product datasheet for **RG208897**

AGR3 (NM_176813) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: AGR3 (NM_176813) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: AGR3
Synonyms: AG-3; AG3; BCMP11; hAG-3; HAG3; PDIA18
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG208897 representing NM_176813
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATGCTACACTCAGCTTTGGGTCTCTGCCTCTTACTCGTCACAGTTTCTTCCAACCTTGCCATTGCAA
TAAAAAAGGAAAAGAGGCCTCCTCAGACACTCTCAAGAGGATGGGGAGATGACATCACTTGGGTACAAAC
TTATGAAGAAGGTCTCTTTATGCTCAAAAAAGTAAGAAGCCATTAATGGTTATTCATCACCTGGAGGAT
TGTCAACTACTCTCAAGCACTAAAGAAAGTATTTGCCAAAATGAAGAAATACAAGAAATGGCTCAGAATA
AGTTCATCATGCTAAACCTTATGCATGAAACCACTGATAAGAATTTATCACCTGATGGGCAATATGTGCC
TAGAATCATGTTTGTAGACCCTTCTTAAACAGTTAGAGCTGACATAGCTGGAAGATACTCTAACAGATTG
TACACATATGAGCCTCGGGATTTACCCCTATTGATAGAAAACATGAAGAAAGCATTAAGACTTATTCAGT
CAGAGCTA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG208897 representing NM_176813
Red=Cloning site Green=Tags(s)

MMLHSALGLCLLLVTVSSNLAIAIKKEKRPPQTL SRGWGDDITWVQTYEEGLFYAQSKKPLMVIHLED
CQYSQALKKVFQAQNEEQEMAQNKFIMLNLMHETTDKNLSPDQQYVPRIMFVDPSTLTVRADIAGRYSNRL
YTYEPRDLPLLIENMKKALRLIQSEL

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



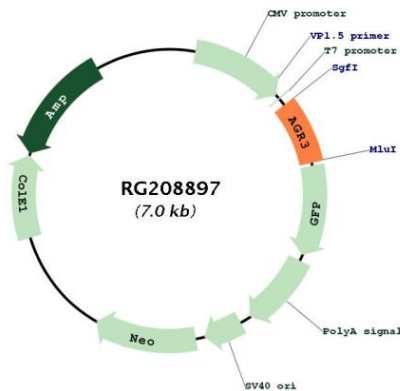
[View online >](#)

Cytogenetics: 7p21.1

Protein Families: Secreted Protein

Gene Summary: This gene encodes a member of the disulfide isomerase (PDI) family of endoplasmic reticulum (ER) proteins that catalyze protein folding and thiol-disulfide interchange reactions. The encoded protein has an N-terminal ER-signal sequence, a catalytically active thioredoxin domain, and a C-terminal ER-retention sequence. This gene is expressed in ciliated airway epithelial cells and, in mouse, plays a role in ciliary beat frequency in multiciliated cells. This gene is also over-expressed in breast, ovarian, and prostate cancers. [provided by RefSeq, Dec 2016]

Product images:



Circular map for RG208897