

Product datasheet for **RG214377**

GAGE12G (NM_001098409) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: GAGE12G (NM_001098409) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: GAGE12G
Synonyms: AL4; CT4.7; GAGE-12G
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG214377 representing NM_001098409
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGTTGGCGAGGAAGATCGACCTATTATTGGCCTAGACCAAGGCGCTATGTACAGCCTCCTGAAATGA
TTGGGCCTATGCGGCCCGAGCAGTTCAGTGATGAAGTGAACAGCAACACCTGAAGAAGGGGAACCAGC
AACTCAACGT CAGGATCCTGCAGCTGCTCAGGAGGGAGAGGATGAGGGAGCATCTGCAGGTCAAGGGCCG
AAGCCTGAAGCTCATAGCCAGGAACAGGGTCACCCACAGACTGGGTGTGAGTGTGAAGATGGTCCTGATG
GGCAGGAGATGGACCCGCAAATCCAGAGGAGGTGAAAACGCCTGAAGAAGGTGAAAAGCAATCACAGTG
T

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG214377 representing NM_001098409
Red=Cloning site Green=Tags(s)
MSWRGRSTYYWPRPRRYVQPPEMIGPMRPEQFSDEVEPATPEEGEPATQRQDPAAAQEGEDEGASAGQGP
KPEAHSQEQQHPQTGCECEDGPDGQEMDPPNPEEVKTPEEGEKQSQC

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_001098409.2</u>
RefSeq Size:	564 bp
RefSeq ORF:	354 bp
Locus ID:	645073
UniProt ID:	<u>O76087</u>
Cytogenetics:	Xp11.23