

Product datasheet for **RN208594**

Ogg1 (NM_030870) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ogg1 (NM_030870) Rat Untagged Clone
Tag: Tag Free
Symbol: Ogg1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN208594 representing NM_030870
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTATTCAGTTCAGCCTGTCTAGCAGCATGAGACATCGCACCCCTAACCTCCAGCCCGGCCCTCTGGG
CCTCTATCCGTGCCACGCTCTGAGCTGCGTCTGGACCTGGTTTTAGCTTCTGGACAGTCTTCCGGTG
GAGGGAGCAAAGCCCTGCTCACTGGAGTGGAGTCTGGCAGATCAAGTGTGGACTGACTCAGACCGGAG
GATCAGCTCTATTGCACTGTGTACCGAGGAGACAAGGGCCAGGTCGGCAGGCCTACCCTAGAGGAGCTGG
AAACCTTACACAAGTACTTTAGCTAGATGTCAGCCTGACTCAGCTCTATAGCCACTGGGCTTCGGTGGA
CTCTCACTTCAAAGTGTGGCTCAGAAATTCAGGTTGAGGCTGCTGAGACAAGACCCCACTGAATGC
CTTTTCTTTTCTGTCTTTCCAACAACAACATTGCTCGCATCACTGGCATGGTGAACGGCTGTGCC
AGGCCTTTGGACCTCGACTCGTTCAGCTTGATGATGTCACCTTATCATGGCTTCCAAACCTTCATGCCCT
GGCTGGTCCAGAAGTAGAGACCCACCTCAGGAAGTTGGCCCTGGGGTACCGTGCCCGCTATGTATGTGCC
AGTGCTAAAGCCATCCTAGAAGAGCAAGGTGGCCGGCTTGCTGCAGCAGCTTCGAGTGGCCTCTTATG
AAGAGGCCCAAGGCCCTCTGCACCCTGCCTGGAGTGGGCACCAAGGTGGCTGACTGCATCTGTTAAT
GGCCCTGGACAAACCCAGGCTGTGCTGTGGACATCCATGTGTGGCAGATTGCCCATCGTGACTACGGC
TGGCAGCCTAAGACATCGCAGACTAAGGGCCCGAGCCCTCTGGCCAACAAGAAGTGGGAACTTTTTCC
GGAATCTGTGGGGACCTTATGCTGGCTGGGCCAAGCAGTGTGTTTCACTGCTGACCTTCGTCACAAAA
CCTGTCTCGGGAGCCACCAGCAAAGCGCAAAAAGGGATCTAAGAAGACAGAAGGC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_030870
Insert Size: 1038 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).
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_030870.1 , NP_110497.1
RefSeq Size:	1251 bp
RefSeq ORF:	1038 bp
Locus ID:	81528
UniProt ID:	O70249
Cytogenetics:	4q42
Gene Summary:	DNA repair enzyme that cleaves out mutagenic 7,8-dihydro-8-oxoguanine (8-oxoG) [RGD, Feb 2006]