

Product datasheet for **RR208083**

Glo1 (NM_207594) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Glo1 (NM_207594) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Glo1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR208083 representing NM_207594
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAGAGCCACAGCCAGCGTCCAGTGGTCTTACTGATGAGGCCGCCCTCAGTTGCTGCTGACCCGG
ATCCAAGCACCAAGGATTTTCTACTGCAGCAAACGATGCTGAGAATTAAGGACCCTAAGAAGTCCCTGGA
TTTTTATACGAGGGTCTTGACTGACGCTTCTCCAGAAGCTTGACTTCCCTTCTATGAAGTTCTCGCTC
TATTTCTTAGCGTACGAGGATAAGAACGATATCCCAAGGACAAGACGGAGAGGACAGCGTGGGCTTTTT
CCAGAAAGGCTACCCTGGAGCTCACACAACTGGGGCACTGAAGATGACGAGACGCAGAGTTACCACAA
CGGCAACTCGGACCCTCGGGATTTGGCCACATTGGGATTGCTGTTCTGATGTCTACGAGGCTGTAAG
AGATTTGAAGAACTAGGTGTCAAGTTTGTGAAGAAGCCTGATGATGGGAAAATGAAAGGTCTGGCGTTCC
TTCAAGATCTGATGGCTACTGGATTGAAATTCTGAATCCTAACAAAATGGCAACAATTATT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR208083 representing NM_207594
Red=Cloning site Green=Tags(s)

MAEPQPASSGLTDEAALSCCSDPDPSTKDFLLQQTMLRIKDPKSLDFYTRVLGLTLLQKLDFPSMKFSL
YFLAYEDKNDIPKDKTERTAWAFSRKATLELTHNWGTEDETQSYHNGNSDPRGFHIGIIVPDVYEACK
RFEELGVKFKVKKPDDGKMKGLAFVQDPDGYWIEILNPNKMATII

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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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_207594.2</u> , <u>NP_997477.1</u>
RefSeq Size:	1079 bp
RefSeq ORF:	555 bp
Locus ID:	294320
UniProt ID:	<u>Q6P7Q4</u>
Cytogenetics:	20p12
MW:	20.8 kDa
Gene Summary:	predicted to have lactoylglutathione lyase activity [RGD, Feb 2006]