

Product datasheet for **MG213567**

Ercc6l2 (NM_023507) Mouse Tagged ORF Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Ercc6l2 (NM_023507) Mouse Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | Ercc6l2 |
| Synonyms: | 0610007P08Rik; 1700019D06Rik; 9330134C04Rik; Rad26l; Sr278 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: | Ampicillin (100 ug/mL) |



[View online »](#)

ORF Nucleotide Sequence:

>MG213567 representing NM_023507
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGACATCTCCGCCCGCAGTCCCGCGCAGACTCCCGCAAAGACAGGTGGTGTCCGGGAGAAAGATGTC
 TTGCTCCATCTTTGGATAACAAAAAGCTTTGTGAAGCAAGCATAAAATCTATTACTGTGGATGGAAATGG
 GAAACCTTTTGCAGTTGTCTGTATCCAGACTTTCAAGAAAAGACAATACCTCTTCAAAGACTTCAAGAA
 GTAAAATCAACTAAAGATTACTCCAGAAGTCTTATATTTGATGATAAAGATTTAGAAAAACCTTATTTCC
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 TTTTGCATAAAAAAGGGAACCTCGTAAGATATTGAAAATAACATGCCAGAGTTTTTACTAAAAAGTATGAA
 AAGAAGCGCCTTCTACAGCTAAAAAGATGTTCTTAATAGTTGCTCCTTTTCTGTCTCTACAACCTGG
 AAGGATGAATTGGATACCTGGGGATATTTCAAGTACTGTTTTACACGGTAGCAAAAAAGACAATGAGC
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 GGAGCTTAACAGTTTGAATGGTCAGCTATTATTGTAGATGAAGCTCATAGAATCAAGAATCCAAAAGCC
 CGAGTTACAGAAGTTATGAAGGCTGTGAAGTGAAGTCCGCATTGGCCTCACTGGTACTGTCTTCCAGA
 ACAACATGAAGGAGCTGTGGTGTGTATGGACTGGGCTGTGCCAGGACTTTTAGGTAGCAGGATTCACTT
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 TTAGTTACCTGACTGTGCTTCCAGAAAGTAGCTAACCATGTTGCACTGCTGCAGGCTGCTAGCACCTCCAA
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 AGCAAAGATGCAGCCTTTGAGACACTTTCTGACCCTAAATATAGTGGGAAAATGAAGTCTCCAGCAGC
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 GCTGCAGCAGTACTGTATGGCCTCGGCCTCGATTACCGGCGACTCGATGGAAGCACAAAGTCCGAGGAA
 AGGCTCAAGATTGTGAAGGAGTTAACAGTTCACAAGATGTGAACATTTGTCTTGTCTCCACAATGGCTG
 GTGGACTAGTCTCAATTTTGTGGGGCAACGTTGTTATATTATTTGATCCAACCTTGAATCCAGCCAA
 CGATCTTCAAGCTGTTGACAGAGCGTATAGGATTGGACAGTGTAGAGACGTTAAAGTGTAGGCTAATA
 TCCTTGGGCACAGTGGAGGAGATCATGACTTACGACAAGTCTACAAGCAGCAACTTCACTGTGTGGTGG
 TTGGAAGTGAATAAGCAAGCGTACTTTGAAGCAGTACAAGGATCAAAAGAACATCGAGGAGAGCTCTT
 TGGTGTCCACAACCTCTTCAAACAAAGTCCCAAGGGTCAATGTCTTACGAGAGACATCCTGGAGGTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG213567 representing NM_023507
Red=Cloning site Green=Tags(s)

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MDISAPQSRADSRKDRWCPGERCLAPSLDNKKLCEASIKSITVDGNGKPFVAVLYPDFQEKTIPQLRQEQE
VKSTKDYSRSLIFDDKDLEKPYFPDRKIPSLASAFQLSEGDSSIPYTIINRYLRDYQREGAQFLYRHYIEG
RGCILGDDMGLGKTIQVISFLAAVLHKKGTREDIENNMPEFLLKSMKKKPPSTAKKMFLIVAPLSVLYNW
KDELDTWGYFRVTVLHGSKKDNELLRLKQRKCEIALTTYETLRLCLEELNSLEWSAIIIVDEAHRKPNKA
RVTEVMKAVKCKVRIGLTGTVLQNNMKELWCVMDWAVPGLLGSRIHFKKQFSDPVEHGQRHTATKRELAT
GRKAMHRLAKKMSGWFLRRTKTLIKGQLPKKEDRMVYCSLTDFQKAVYQTVLETEVALILTSSQPCTCG
SGQKRRKCCYKTN SRGDTVRTLCLSYLTVLQKVANHVALLQAASTSKHQETVIKRICDRVFSRFPDFVQK
SKDAAFETLSDPKYSGMKVYLQLLNHFQRKQDKVLLFSFSTKLLDLVQQYCMASGLDYRRLDGSTKSEE
RLKIVKEFNSSQDVNICLVSTMAGGLGNFVGANVVILFDPTWNPANDLQAVDRAYRIGQCQDRVKVLRILI
SLGTVEEIMYLRQVYKQQLHCVVVGSENAKRYFEAVQGSKEHRGELFGVHNLFKLRSQGSCLTRDILEV
    
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TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_023507

ORF Size: 2097 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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:

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_023507.4](#)

RefSeq Size: 2735 bp

RefSeq ORF: 2100 bp

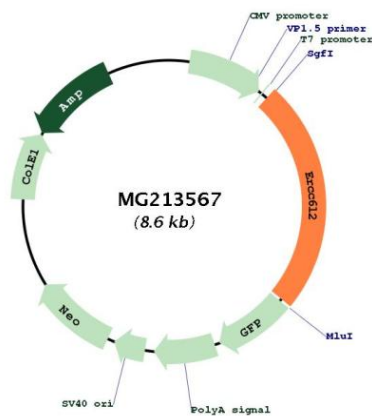
Locus ID: 76251

UniProt ID: [Q9JIM3](#)

Cytogenetics: 13 B3

Gene Summary: May be involved in early DNA damage response.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG213567