

Product datasheet for **MG224907**

Utf1 (NM_009482) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Utf1 (NM_009482) Mouse Tagged ORF Clone
 Tag: TurboGFP
 Symbol: Utf1
 Synonyms: A1505934
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-AC-GFP (PS100010)
 E. coli Selection: Ampicillin (100 ug/mL)
 ORF Nucleotide Sequence: >MG224907 representing NM_009482
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTGCTTCGTCCCGGAGGTTGCCCGCTTTTCTCCGCGTCGCCAGCTAGCCCCGACGCTGAGCTGC
 GGTCCGCCGGGATGTCCCGGTGACTACGTCTGATGCCTTCGCTACTTCGGGCGGGATGGCTGAACCCGG
 CTCGCCAAGGCTCCCGTGTCCCGGACTCGGCGCAGCGCACGCCCTGGAGTGCTCGAGAGACGGAGCTA
 CTTCTGGGCACGCTGCTGCAGCCGGCCATGTGGCGCTCACTACTGCTGGACCGCAGGCAGACTCTGCCTA
 CTTACCGCGCGTGTCCGCCGACTGGCCCGTCAGCAAGTTCGGCGCACGCCCGCTCAGTGCCGCCGTCG
 CTAACAAGTTCCTCAAGGACAACTCCGAGACTCCAGGGCCAGCCGTCCGGACCCCTCGATAACAGATC
 CGCAACTCATGGGGCTATTGGGGGACGATGGGCCGCGAGGGTTCGCCGCCGCTCTACTGGCCCTGGAC
 GTCCCCAGCGCCGCGCCGCTCGTCCCTCTCCGCGTTAGCACCCGCACCTGCACCGGTGGAGCAAGAGGC
 CGAGCTGCCGCTGGCTGCGGAAATGACGAACCTGCCCTGCGCTCAGATTCAAGTTCCTCCACGACGAAG
 TCTGCAGGTGCCACCGCATTACCAGCTCTCCTCCTTACGAGCACCGACACTGCGCTCCTGAGCCGG
 GCCATACCTTCGAATCCTCCCGACGCCAACCCCGACCACGACGTGGAGACCCGAATGAGCCTCCTGG
 CCTTCCAGGGCCGTGCTTCTTCCCGCAGGTTGCTCCCGAGTCTGCGCGACCGAGCTGCGACCCCTGAACCAGC
 TTGACGCACTTGGGCGACATCTCAACAGTCTGGGCCCTCTGCGGACCGAGCTGCGACCCCTGAACCAGC
 ACGTGGAGCATCTACGAGGTTCTTCGACCAAACCGTTTCTCTGGCGGTGGGGTTCAATCTGGGCAGTGC
 AGCCTCCGAGCGGGGCATCCTTGGGGACTTGCCCAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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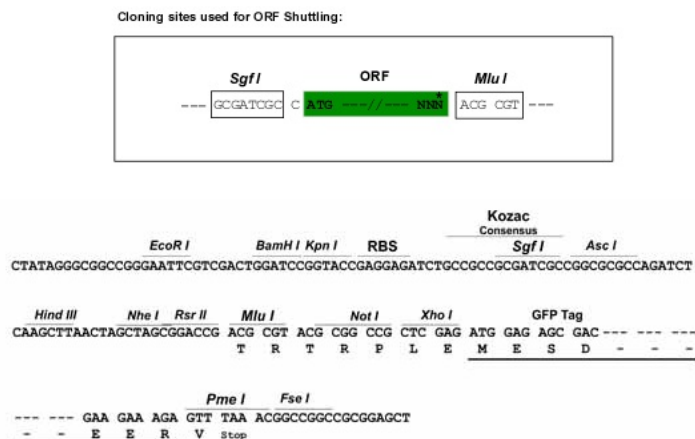
Protein Sequence: >MG224907 representing NM_009482
 Red=Cloning site Green=Tags(s)

MLLRPRRLPAFSPSPASPDALRSAGDVPVTTSDAFATSGGMAEPGSPKAPVSPDQAQRTPWASARETEL
 LLGTLLQPAMWRSLLLDRRQLPTYRRVSAALARQVRRTPAQCRRRYKFLKDKLRDSQGQPSGPFQDNQI
 RQLMGLLGDDGPPRVRRRSTGPRPQRRGRSSLALAPAPAPVEQEAELPLAAENDEPAPALRFSSSTTK
 SAGAHRITSSPPLTSTDITLPPPEPGHTFESSPTTPDHDVETPNEPPGLSQGRASSPQVAPQSLNTALLQT
 LTHLGDISTVLGPLRDQLSTLNQHVEHLRGSFDQTVSLAVGFILGSAASERGILGDLRQ

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_009482

ORF Size: 1017 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_009482.1](#)

RefSeq Size: 1160 bp

RefSeq ORF: 1020 bp

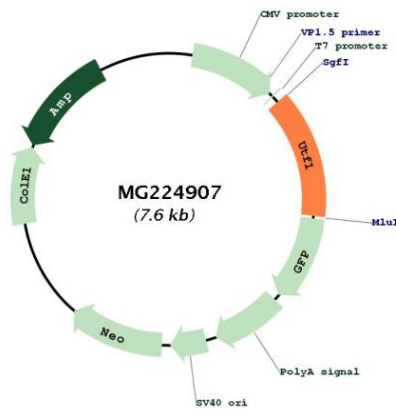
Locus ID: 22286

UniProt ID: [Q6J1H4](#)

Cytogenetics: 7 F4

Gene Summary: Acts as a transcriptional coactivator of ATF2.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG224907