

Product datasheet for **MR224907**

Utf1 (NM_009482) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Utf1 (NM_009482) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Utf1
Synonyms: A1505934
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR224907 representing NM_009482
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGCTTCGTCCCGGAGGTTGCCCGCTTTTCTCCGCGTCGCCAGCTAGCCCCGACGCTGAGCTGC
GGTCGGCCGGGATGTCCCGGTGACTACGTCTGATGCCTTCGCTACTTCGGGCGGGATGGCTGAACCCGG
CTCGCCAAGGCTCCCGTGTCCCGGACTCGGCGCAGCGCACGCCCTGGAGTGCCCGAGAGACGGAGCTA
CTTCTGGGCACGCTGCTGCAGCCGGCCATGTGGCGCTCACTACTGCTGGACCGCAGGCAGACTCTGCCTA
CTTACC CGCGTGTCCGCCGACTGGCCCGTCAGCAAGTTCGGCGCACGCCGCTCAGTGCCGCGCTCG
CTACAAGTTCCTCAAGGACAACTCCGAGACTCCAGGGCCAGCCGTCCGGACCCCTCGATAACAGATC
CGCAACTCATGGGGCTATTGGGGGACGATGGGCCGCGAGGGTTCGCCGCGCTCTACTGGCCCTGGAC
GTCCCCAGCGCCGCGCCGCTCGTCCCTCTCCGCGTTAGCACCCGCACCTGCACCGGTGGAGCAAGAGGC
CGAGCTGCCGCTGGTGCAGAAATGACGAACCTGCCCTGCGCTCAGATTAGTTTCTCCACGACGAAG
TCTGCAGGTGCCACCGCATTACCAGCTCTCCTCCTTACGAGCACCGACACTGCTCCTGAGCCGG
GCCATACCTTCGAATCCTCCCGACGCCAACCCCGACCAGCTGGAGACCCGAATGAGCCTCCTGG
CCTTTCCAGGGCCGTGCTTCTTCCCGCAGGTTGCTCCCGAGTCTGCGGACCCAGCTGTCGACCCTGAACCAGC
TTGACGCACTTGGGCGACATCTCAACAGTTCTGGGCCCTCTGCGGACCCAGCTGTCGACCCTGAACCAGC
AGTGGAGCATCTACGAGGTTCTTCGACCAAACCGTTTCTCTGGCGGTGGGGTTCACTTGGGCAGTGC
AGCCTCCGAGCGGGGCATCCTTGGGGACTTGCGCCAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR224907 representing NM_009482
Red=Cloning site Green=Tags(s)

MLLRPRRLPAFSPSPASPDAELRSAGDVPVTTSDAFATSGGMAEPGSPKAPVSPDSAQRTPWSARETEL
 LLGTLQLPAMWRSLLLDLRRQLPTYRRVSAALARQVRRTPAQCRRRYKFLKDKLRDSQGQPSGPFQDNI
 RQLMGLLGDDGPPRVRRRSTGPRPQRRGRSSLALAPAPAPVEQEAELPLAAENDEPAPALRFSSSTTK
 SAGAHRITSSPPLTSTDLPPEPGHTFESSPTTPDHDVETPNEPPGLSQGRASSPQVAPQSLNTALLQT
 LTHLGDISTVLGPLRDQLSTLNQHVHLRGSFDQTVSLAVGFILGSAASERGI LGDLRQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9033_g07.zip

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_009482.2](#), [NP_033508.1](#)

RefSeq Size: 1160 bp

RefSeq ORF: 1020 bp

Locus ID: 22286

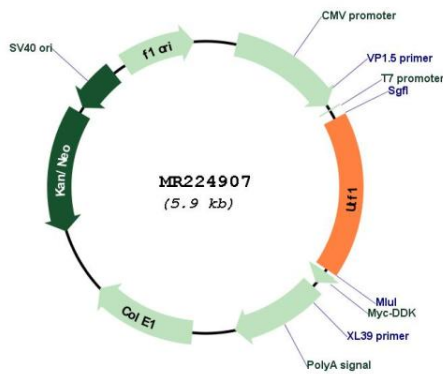
UniProt ID: [Q6J1H4](#)

Cytogenetics: 7 F4

MW: 36.9 kDa

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

Product images:



Circular map for MR224907