

Product datasheet for **MG205925**

Ubl7 (NM_027086) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ubl7 (NM_027086) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Ubl7
Synonyms: 2300004C15Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG205925 representing NM_027086
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCTCTCAGACTGGCATCTGGCAGTGAAGCTGGCTGACCAGCCACTTGCTCCAAAATCTATTCTTC
AGTTGCCAGAGACAGAAGCTGGGAGAATATTCCTAGGGGGCTATAGCATTTTCATTCTGAAGCAGCTTAT
TGCTGGCAAGCTCCAGGAATCTGTTCCAGACCCGGAGCTGATCGATTTGATCTACTGTGGCCGGAAGCTA
AAAGATGACCAGACCCTTGACTTCTATGGTATTCAGCCTGGATCCACAGTCCATGTTCTCCGAAAATCTT
GGCCTGAGCCTGATCAGAAACCTGAACCTGTGGACAAAGTAGCTGCCCTGAGAGAGTTCCGGGTCTGCA
CACTGCCCTGCACAGCAGCTCTTCTACAGAGAGCGGTCTTTAAGATGCTCAGCAATAAAGAATCTCTG
GATCAGATCATTGTGGCCACCCAGGCCTCAGCAGTGACCCATTGCTCTAGGGTTCTCCAGGATAAGG
ACCTCTTCTGTCTTTGCTGATCCCAACATGCTAGATACATTGGTGCCTGCCACCCAGCCCTAGTCAA
TGCCATCATCCTGGTTCTGCACTCCGTAGCAGGCAGCACCCCAATGCCAGGAGCTGACTCCTTCCCGA
AGCATGCCCTCCAGCTCTACCGAGATATGCCAGGTGGCTTCTGTTGACGGGCTCTCAGATGACGAGG
ACGACTTTCACCAAGCACTCGGTCTACGCCCTTAGCAGTACACCTAGCTCCCGCCCGCCTCCCTGGG
ATACAGTGGAGCTGCAGGGCCCCGCCCATCACCCAGAGTGAGCTGGCCACTGCCCTGGCCCTGGCCAGT
ACTCCAGAGAGCAGTTCTCATACCAACTCTGGCACCCAGGGCCATTCTCAGGCACCTGCCAATGT
CCTCTGGTGTCCAGTCAAGGACACCCATCACCAACGATCTTTTTAGCCAAGCTCTCCAGCATGCCCTGCA
GGCCTCTGGGAGCCAGCCTTACAGAGCCAGTGCCAGCCTCAGCTGCAGCAGTTGCGTGACATGGGCATC
CAGGATGACGAATAAGCCTCCGGGCCCTTACAGCCACTGGAGGTGATATCCAAGCAGCCCTGGAAGTCA
TCTTTGCTGGAGGAGCCCA

ACGGTACGGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG205925 representing NM_027086
 Red=Cloning site Green=Tags(s)

MSLSDWHLAVKLADQPLAPKSILQLPETELGEYSLGGYISFLKQLIAGKLQESVPDPELIDL IYCGRKL
 KDDQTLDFYGIQPGSTVHVLKRSWPEPDQKPEPVDKVAALREFRVLHTALHSSSSYREAVFKMLSNKESL
 DQIIVATPGLSSDPIALGVLQDKDLFSVFADPNMLDTL VPAHPALVNAIILVLHVSAGSTPMPGADSSSR
 SMPSSSYRDMPPGGFLFDGLSDEDDDFHPSTRSTPSSSTPSSRPASLGYSGAAGPRPITQSELATALALAS
 TPSSSHTPTPGTQGHSSGTSPMSSGVQSGTPIITNDFLSQLQHALQASGQPSLQSQWQPQLQLRDMGI
 QDDELSLRALQATGGDIQAALELIFAGGAP

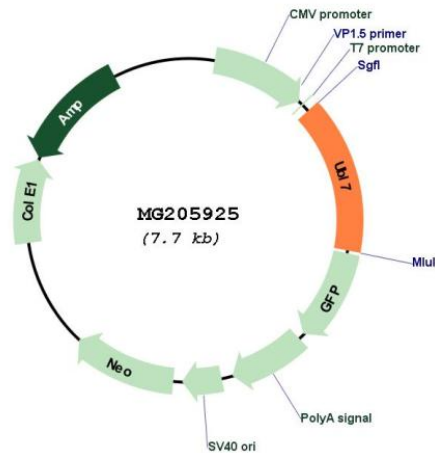
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_027086

ORF Size:	1140 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:	<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_027086.1 , NP_081362.1
RefSeq Size:	1316 bp
RefSeq ORF:	1143 bp
Locus ID:	69459
UniProt ID:	Q91W67
Cytogenetics:	9