

## Product datasheet for MR217940

### Ubl7 (NM\_001122873) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ubl7 (NM_001122873) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ubl7
Synonyms:	2300004C15Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR217940 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGTCTCTCTCAGACTGGCATCTGGCAGTGAAGCTGGCTGACCAGCCACTTGCTCCAAAATCTATTCTTC  
AGTTGCCAGAGACAGAAGTGGGAGAATATCCCTAGGGGGCTATAGCATTTCATTCTGAAGCAGCTTAT  
TGCTGGCAAGCTCCAGGAATCTGTTCCAGACCCGGAGCTGATCGATTTGATCTACTGTGGCCGGAAGCTA  
AAAGATGACCAGACCCTTGACTTCTATGGTATTCAGCCTGGATCCACAGTCCATGTTCTCCGAAAATCTT  
GGCCTGAGCCTGATCAGAAACCTGAACCTGTGGACAAAGTAGCTGCCCTGAGAGAGTTCCGGGTCCTGCA  
CACTGCCCTGCACAGCAGCTCTTCTACAGAGAGGCGGTCTTTAAGATGCTCAGCAATAAAGAATCTCTG  
GATCAGATCATTGTGGCCACCCAGGCCTCAGCAGTGACCCCAATTGCTCTAGGGGTTCTCCAGGATAAAG  
ACCTCTTCTCTGTCTTTGCTGATCCCAACATGCTAGATACATTGGTGCCTGCCACCCAGCCCTAGTCAA  
TGCCATCATCCTGGTTCTGCACTCTGTAGCAGGCAGCACCCCAATGCCAGGAGCTGACTCCTCTTCCCGA  
AGCATGCCCTCCAGCTTTACCGAGATATGCCAGGTGGCTTCTGTTTGACGGGCTCTCAGATGACGAGG  
ACGATTTACCCAAGCACTCGGTCTACGCCCTAGCAGTACACCTAGCTCCCGCCCGCCTCCCTGGG  
ATACAGTGGAGCTGCAGGGCCCCGCCCATCACCCAGAGTGAGCTGGCCACTGCCCTGGCCCTGGCCAGT  
ACTCCAGAGAGCAGTTCTCATACACCAACTCCTGGCACCCAGGGCCATTCTCAGGCACCTCGCCAATGT  
CCTCTGGTGTCCAGTCAGGGACCCCATCACCAACGATCTTTTTAGCCAAGCTCTCCAGCATGCCCTGCA  
GGCCTCTGGGAGCCAGCCTTCCAGATCCAGTGGCAGCCTCAGCTGCAGCAGTTGCGTGACATGGGCATC  
CAGGATGACGAATAAGCCTCCGGGCCCTACAGGCCACTGGAGGTGATATCCAAGCAGCCCTGGAATCA  
TCTTTGCTGGAGGAGCCCA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR217940 protein sequence  
 Red=Cloning site Green=Tags(s)

MSLSDWHLAVKLADQPLAPKSILQLPETELGEYSLGGYISFLKQLIAGKLQESVPDPELIDL IYCGRKL  
 KDDQTLDFYGIQPGSTVHVLRKSWPEPDQKPEPVDKVAALREFRVLHTALHSSSSYREAVFKMLSNKESL  
 DQIIVATPGLSSDPIALGVLQDKDLFSVFADPNMLDTL VPAHPALVNAIILVLHSVAGSTPMPGADSSSR  
 SMPSSSYRDMPPGGFLFDGLSDDDDDFHPSTRSTPSSSTPSSRPASLGYSGAAGPRPITQSELATALALAS  
 TPSSSHTPTPGTQGHSSGTSPMSSGVQSGTPI TNDLFSQALQHALQASGQPSLQIQWQPQLQLRDMGI  
 QDEL SLRALQATGGDIQAAL E LIFAGGAP

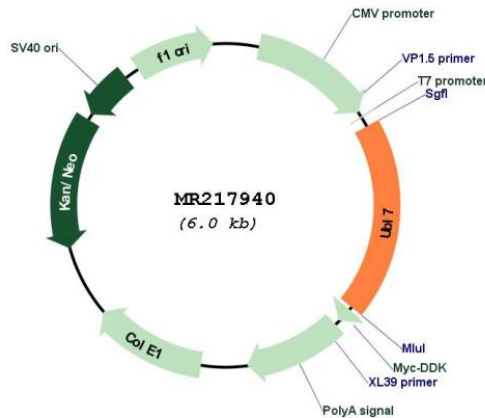
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001122873

<b>ORF Size:</b>	1140 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001122873.1</a> , <a href="#">NP_001116345.1</a>
<b>RefSeq Size:</b>	1382 bp
<b>RefSeq ORF:</b>	1143 bp
<b>Locus ID:</b>	69459
<b>UniProt ID:</b>	<a href="#">Q91W67</a>
<b>Cytogenetics:</b>	9
<b>MW:</b>	40.4 kDa