

Product datasheet for MC211491

Unkl (NM_028789) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Unkl (NM_028789) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Unkl
Synonyms:	1300004G08Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC211491 representing NM_028789 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCGTCCTCCCACCTTGCCAGGTTCTGCCTTAGATCTTCGTCTTAGTGACATAAACATCGCGTCCTTAG
ATAAAGACTTAGAAGAACAGGACCTTGGATTGACAGGTCTGAACGGCGTCCCGGAGCATCTGGGACTT
TGTTTCTGGCAGCTTCTCTCCTAGCCCATCCCCATTCTGAACCTCGGCCCTTCGGCTTCTCAAGTGCA
AGTCCAAACAGTGTGAGCTGGCAGGGTCAGGCGGCAGCTAGACGAGGCCAAGAGGAAGATCAGGCAAT
GGGAAGAATCTTGGCAGCAAGTGAAGCAGGCCTGTGATGCCTGGCAGAGAGAGGCTCAGGAGCCAAGGA
AAGAGCCCGTGTGGCAGACAGTGACCGGCAGCTGGCCCTGCAGAGGAAAGAAGAGGTGGAAGCCAAGGTG
AAGCAGCTGCAGGAAGAATTAGAGGGCCTGGGTTTGCCTCACTGCCAGGGCTTCAGAGCTTGGGTGACA
TCAGTGACATCCCTCTCCCAAGCTGCATTCTCTCCAGAGCAAGCTGCGCTTGGACTTGGAGGCTGTGGA
TGGGGTGATCTTCCAGCTCCGTGCCAAACAGTGTGTGGCCTGCCAGGAGCGGGCCATGGCACTGTCCTG
CGGCCCTGCCAGCACCGTGTCTTATGCGAACCATGTGCGGCCAGTACCCCTGAGTGCCCTACTGCAAGG
GCCAGCCCCTACCATGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms:	https://cdn.origene.com/chromatograms/ja1716_d11.zip
Restriction Sites:	Sgfl-MluI
ACCN:	NM_028789
Insert Size:	720 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<u>BC150842</u> , <u>AAI50843</u>
RefSeq Size:	790 bp
RefSeq ORF:	720 bp
Locus ID:	74154
UniProt ID:	<u>Q5FWH2</u>
Cytogenetics:	17 A3.3
Gene Summary:	<p>May participate in a protein complex showing an E3 ligase activity regulated by Rac1. Ubiquitination is directed towards itself and possibly other substrates, such as Baf60b/Smarcd2. Intrinsic E3 ligase activity has not been proven.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR and coding sequence compared to variant 1. The resulting isoform (2) has a shorter and distinct N-terminus compared to isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>