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Product datasheet for MC228236

Unkl (NM_001290736) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Unkl (NM_001290736) 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)

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Fully Sequenced ORF:

>MC228236 representing NM_001290736
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGATCGAGAAGATTCTTGGTGAGGACCCTCGGTGGCAAGACAGTAACTTCGTATTGGGCAGCTATAAGA
CTGAGCAGTGCCCGAAGCCACCACGCCTATGTCGCCAGGGCTACGCCTGTCCACACTACCACAACAGCAG
AGACCGCCGTCGGAACCCCAGGAGGTTCCAGTACAGGTCTACGCCCTGTCCTAGTGTGAAGCACGGTGAC
GAGTGGGGCGAGCCCTCACGGTGTGACGGTGGGGACAGCTGTCAGTACTGCCATTCCCGCACGGAGCAGC
AGTTCCATCCTGAGATCTACAAATCTACAAAATGCAACGATATGCGCCAAACTGGCTACTGCCCTCGGGG
CCCTTTCTGTGCCTTTGCACACACTGAGAAGAGCCTGGCTATGGTGAACGAGTGGAGCTGCCGTGATCTC
AGTTCCAACAGCACCTCAGCTTATAGCAGCCAGCCTGGAAGTGCCAAAAGGAAAGACTCCCCCTCTGAAG
GAAGCCAGAAAGCTACTGAGGACAGCAAGCAGAACCACCTCGCTGTGTTCTCAGTGGCTCACCCACTGGC
CCACAGCATAAGCTCCAGTGTGGCATCCAGCCTGGCGTCCAGCACTGGCTCGGGCAGCTCCTCCCCCACC
ACACTGCCTACCCTCCCTGCCCGTGCCCTTCCACTGGATCCCGCCGGCAACACTGTGGGGGCAGTCATAG
GTTCTGCCTTAGATCTTCGTCTTAGTGACATAAACATCGCGTCCTTAGATAAAGACTTAGAAGAACAGGA
CCTTGGATTGACAGGTCCCAGGTCGCTGGCAGGCTCAGCACCCGTCACCATTCCGGGCTCCCTGCCCCGC
TCGCCATCCTTGCACTCGTCCTCATCCCTATCCACCTCCCCACTCAGCTCGCTCTCCCAGTCCCTGTCGG
GGCCACTCGTCTCCTCGGCCATGACGCCCCCCCAGCAGCCACCACCCCTCCGGTCGGAGCCGGCTACGCT
GGGCTCTGCAGCCTCATCTTACAGCTCTTTAGGTCTGAACGGCGTTCCCGGGAGCATCTGGGACTTTGTT
TCTGGCAGCTTCTCTCCTAGCCCATCCCCCATTCTGAACTCCGGCCCTTCGGCTTCCTCAAGTGCAAGTC
CAAACAGTGCTGAGCTGGCACGGGTCAGGCGGCAGCTAGACGAGGCCAAGAGGAAGATCAGGCAATGGGA
AGAATCTTGGCAGCAAGTGAAGCAGGCCTGTGATGCCTGGCAGAGAGAGGCTCAGGAGGCCAAGGAAAGA
GCCCGTGTGGCAGACAGTGACCGGCAGCTGGCCCTGCAGAGGAAAGAAGAGGTGGAAGCCAAGGTGAAGC
AGCTGCAGGAAGAATTAGAGGGCCTGGGTTTGTCCTCACTGCCAGGGCTTCAGAGCTTGGGTGACATCAG
TGACATCCCTCTCCCCAAGCTGCATTCTCTCCAGAGCAAGCTGCGCTTGGACTTGGAGGCTGTGGATGGG
GTGATCTTCCAGCTCCGTGCCAAACAGTGTGTGGCCTGCCAGGAGCGGGCCCATGGCACTGTCCTGCGGC
CCTGCCAGCACCGTGTCTTATGCGAACCATGTGCGGCCAGTACCCCTGAGTGCCCCTACTGCAAGGGCCA
GCCCCTACCATGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001290736

Insert Size: 1626 bp

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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001290736.1, NP_001277665.1
RefSeq Size:	4787 bp
RefSeq ORF:	1626 bp
Locus ID:	74154
Cytogenetics:	17 A3.3
Gene Summary:	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] Transcript Variant: This variant (3) contains an alternate exon in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at an alternate start codon compared to variant 1. The encoded protein (isoform 3) has a distinct N-terminus and is shorter than isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.