

Product datasheet for MR211387

U2surp (NM_026476) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	U2surp (NM_026476) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	U2surp
Synonyms:	2610101N10Rik; AU023006; Sr140
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR211387 representing NM_026476 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGATCGCC

ATGGCCGACAAAACGCCAGGCGGATCTCAGAAGGCCAGTCAAAGAACCGATCATCAGATGTTTCATTCAT
CTGGATCTTCAGATGCACATCCTCTTAGAAAACAAGCTTAAAGCATTAGTATTGGAAAAATGAGCAC
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GAAATTTATGAGGAATTTCTTGCTGCTTTGAAGGAAGTATGGTAATAAAGTAAAACGTTTGTTCGAG
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TTCAAGGTTTGCAGATCAAAAAATCCTCCAAATCAGTCATCCAATGAAAGGCCGCCATCTCTTCTGTG
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TTGAAACATTAATCCACAGATGAATGAAGAAATGCTGTGCCAAGAATTTGGAAGATTTGGACCATTAGC
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TTTATGAACAGAAGAGATGCTGAAAGAGCTCTAAAGAAGCTTAAACGAAAAATGATTATGTCTTTTGAAA
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AAGGAAGAACAGCGGGATAAGTTAGAAGAAATCTTGCGAGGATTAACCCAAGGAAAAATGATATTGGAG
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGAT AAGGTTTAA

Protein Sequence:

>MR211387 representing NM_026476
 Red=Cloning site Green=Tags(s)

MADKTPGGSQKASKNRSSDVHSSGSSDAHPLLENKLFKAFSIGKMSTAKRTL SKKEQEELKKKEDEKAAA
 ELYEEFLAAFEGSDGNKVKTFVRGGVVNAKDEHETDEKRGKIYKPSSRFADQKNPPNQSSNERPPSLLV
 IETKPPPLKKEKEKKNLELFKEELKQIQEERDERHKTGRLSRFEPQSDSDGQRRSMDVPSRRNRS
 SGVLDDYAPGSHDVGDPSTTNLYLGNINPQMNEEMLCQEFGRFGPLASVKIMWPRTDEERARERNCGFVA
 FMNRRDAERALKNLNGKMIMSFEMKLGWKAVPIPPHIYIPPSMMEHTLPPPPSGLPFNAQPRERLKNP
 NAPMLPPPKNKEDFEKTL SQAIVKVVIPTERNLLAL IHRMIEFVVREGPMFEAMINREINNPMFRFLFE
 NQTPAHVYYRWKLYSILQGDSPKWRTEDFRMFKNGSFWRPPPLNPLYLHGMSEEQTEAFVEEPSKKGAL
 KEEQRDKLEEILRGLTPRKNDIGDAMVFLNNAEAAEEIVDCITESLSILKTPLPKKIARLYLVSDVLYN
 SSAKVANASYRKF FETKLCQIFSDLNATYRTIQGHLQSENFKQRVMTCFRAWEDWAIYEPFLLIKLQNI
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 EDKSKNEPIFKVAPSKWEAVDESELEAQAVTTSKWELFDQHEESEEENQNQEESEDEEDTQSSKSEEH
 HLYSNPVREEATESKFSKYSEMSEEKRAKLREIELKVMKFQDELESGKRPKPGQSFQEVEHYRDKLLQ
 REKEKELERERERDKDKEKLESRSKDKKEKDECTPTRKERKRRHSTSPSPSRSSSGRRVKSPSPKSERS
 ERSERSHKESSRSRSHKDSPRDASKKAKRSPSGSRTPKRSRRSRSPKKSRSRSRSPHRSHKKS
 KKNKH

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_026476

ORF Size: 2955 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).

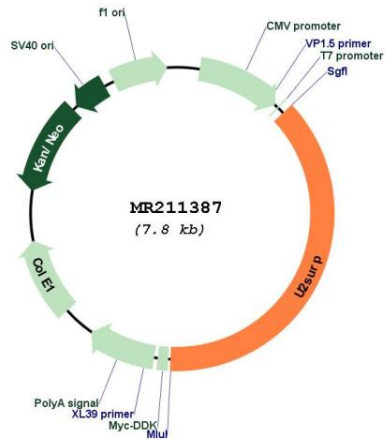
- Reconstitution Method:**
1. Centrifuge at 5,000xg for 5min.
 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
 3. Close the tube and incubate for 10 minutes at room temperature.
 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the 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_026476.2](#), [NP_080752.2](#)

RefSeq Size: 7604 bp

RefSeq ORF: 2958 bp
 Locus ID: 67958
 UniProt ID: Q6NV83
 Cytogenetics: 9 E3.3
 MW: 113.7 kDa

Product images:



Circular map for MR211387