

Product datasheet for **MG211387**

U2surp (NM_026476) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	U2surp (NM_026476) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	U2surp
Synonyms:	2610101N10Rik; AU023006; Sr140
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG211387 representing NM_026476
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCGACAAAACGCCAGGCGGATCTCAGAAGGCCAGTTCAAAGAACCAGATCATCAGATGTTTCATTCAT
 CTGGATCTTCAGATGCACATCCTCTTCTAGAAAACAAGCTTAAAGCATTAGTATTGGAAAAATGAGCAC
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 GCGGGGTTGTTAATGCAGCTAAAGATGAACATGAAACAGATGAAAAAGAGGTAAATCTATAAACCATC
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 AAGTGGTTATCCCAACAGAAAAGAAATTTACTCGCCCTGATACCGAATGATAGAATTTGTGTAGTGA
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 GTCCCCTAAGAAATCAGGAAGAAGATCCAGATCTCAGTCCGGTCTCCACACAGGCTCATAAAAAGTCA
 AAGAAAAACAACAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG211387 representing NM_026476
 Red=Cloning site Green=Tags(s)

MADKTPGGSQKASSKNRSDVHSSGSSDAHPLLENKLFKAFSIGKMSTAKRTL SKKEQEELKKKEDEKAAA
 EIYEEFLAAFEGSDGNKVKTFVRGGVVNAKDEHETDEKRGKIYKPSRFADQKNPPNQSSNERPPSLLV
 IETKKPPLKKGEKEKKSNLELFKEELKQIQEERDERHKTGRLSRFEPQSDSDGQRRSMDVPSRRNRS
 SGVLDDYAPGSHDVDPSTTNLYLGNINPQMNEEMLCQEFGRFGPLASVKIMWPRTDEERARERNCGFVA
 FMNRRDAERALKNLNGKMIMSFEMKLGWKAVPIPPHPYIYPPSMMEHTLPPPPSGLPFNAQPRERLKNP
 NAPMLPPPKNKEDFEKTL SQAIVKVVIPTERNLLAL IHRMIEFVVREGPMFEAMIMNREINNPMFRFLFE
 NQTPAHVYYRWKLYSILQGDSPTKWRTEDFRMFKNGSFWRPPLNPLYLHGMSEEQETEAFVEEPSKKGAL
 KEEQRDKLEEILRGLTPRKNDIGDAMVFLNNAEAAEEIVDCITESLSILKTPLPKKIARLYLVSDVLYN
 SSAKVANASYRKF FETKLCQIFSDLNATYRTIQGHLQSENFQQRVMTCFRAWEDWAIYPEPFLIKLQNI
 FLGLVNIIEEKETEDVPDDL DGAPEEELDGAPLEDVDGIPIDATPIDDL DGVPIKSLDDDL DGVPLDAT
 EDSKKNPIFKVAPSKWEAVDESELEAQAVTT SKWELFDQHEE S E E E E N Q N Q E E E S E D E E D T Q S S K S E E H
 HLYSNPVREEATESKFSKYSEMSEEKRAKREIELKVMKFQDELESGKRPKKPGQSFQEQVEHYRDKLLQ
 REKEKELERERERDKKDEKLESRSKDKKEKDECTPTRKERKRRHSTSPSPSRSSSGRRVKSPSPKSERS
 ERSERSHKSSRSRSSHKDSPRDASKKAKRSPSGSRTPKRSRRSRSPKSGKKSRSQSRSRPHRSHKKS
 KKNKH

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

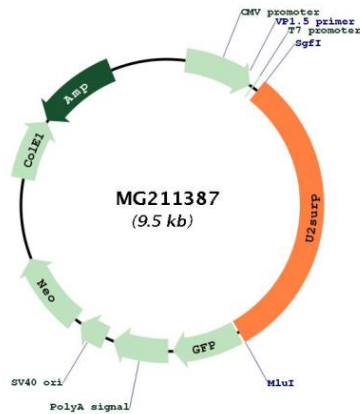
Cloning Scheme:



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:	<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_026476.2 , NP_080752.2
RefSeq Size:	7604 bp
RefSeq ORF:	2958 bp
Locus ID:	67958
UniProt ID:	Q6NV83
Cytogenetics:	9 E3.3

Product images:


Circular map for MG211387