

## Product datasheet for **RR208853**

### U2af1 (NM\_001044291) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** U2af1 (NM\_001044291) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** U2af1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR208853 representing NM\_001044291  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGGAATACTTGGCCTCCATCTTCGGCACCGAGAAAGACAAAGTCAACTGTTCATTTTATTCAAAA  
TTGGAGCGTGTGTCATGGAGACAGATGTTCTCGTTGCACAATAAACCACCTTTAGCCAGACCATTGC  
CCTCTTGAACATTTACCGTAACCTCAAACCTTCCCAGTCTGCTGACGGTTTGGCTGTGCGGTGAGC  
GACGTGGAGATGCAGGAGCACTATGACGAGTCTTTGAGGAAGTCTTCACTGAGATGGAAGAGAAGTACG  
GGGAGGTCGAGGAGATGAACGTCTGTGACAACCTAGGAGACCACCTGGTGGGAATGTGTATGTCAAGT  
CCGACGTGAGGAGGATGCGGAGAAAGCAGTGATCGACTTGAACAACCGCTGGTTTAAATGGGCAGCCAATC  
CACGCAGAGCTGTCCCAGTAACTGACTTCAGGGAAGCTTGTGCCGCCAGTATGAAATGGGGGAGTGCA  
CAAGAGGGGGCTTCTGCAACTTCATGCATCTGAAGCCGATCTCAAGAGAGCTGCGACGGGAGCTGTATGG  
GCGCCGGCGCAAGAAGCATAGATCCAGGTCCCGATCCAGGGAGCGCGTCCCGATCGAGAGACCGTGA  
CGCGGTGGTGGAGGTGGAGGTGGAGGCGGTGGAGGACGTGAGCGTGACAGGAGCGGTCAAGAGACCGGG  
AGAGATCTGGGCGATT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RR208853 representing NM\_001044291  
**Red=Cloning site Green=Tags(s)**

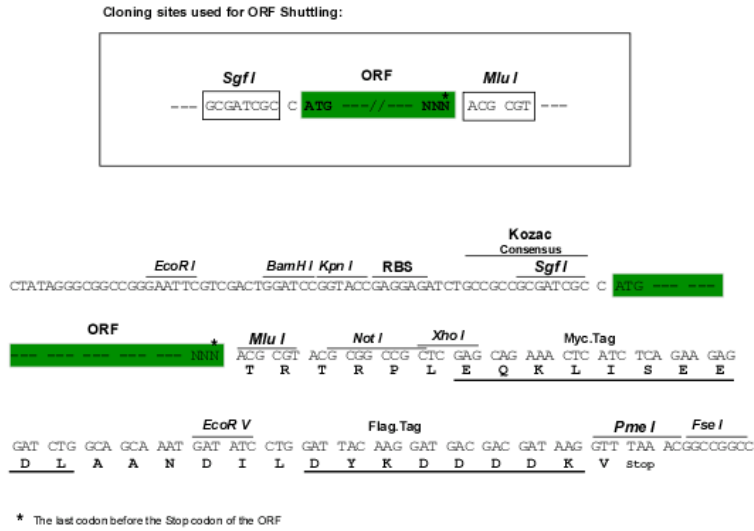
MAEYLASIFGTEKDKVNSFYFKIGACRHGDRCSRLHNKPTFSQTIALLNIYRNPQNSSQSADGLRCAVS  
DVEMQEHYDEFFEEVFTEEMEEKYGEVEEMNVCDNLGDHLVGNVYVKFRREEDAEEKAVIDLNNRWFNGQPI  
HAELSPVTDFREACCRQYEMGECTRGGFCNFMHLKPIISRELRELYGRRRKHRSRSRSRERRRSRDRG  
RGGGGGGGGGRERDRRRSRDRERSGRF

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

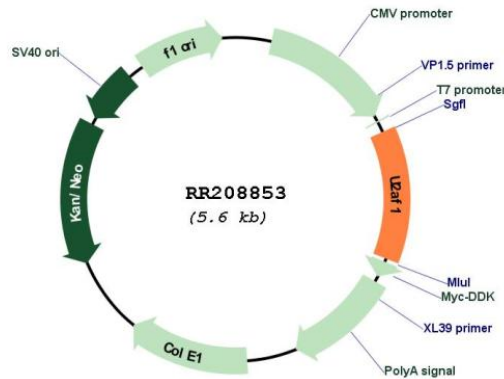


Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_001044291

ORF Size: 717 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.

<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>	<u>NM_001044291.1, NP_001037756.1</u>
<b>RefSeq Size:</b>	935 bp
<b>RefSeq ORF:</b>	720 bp
<b>Locus ID:</b>	687575
<b>Cytogenetics:</b>	20p12
<b>MW:</b>	27.8 kDa