

Product datasheet for MR229112

Sh3yl1 (NM_001289480) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sh3yl1 (NM_001289480) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Sh3yl1
Synonyms: AI314953; Ray; YSC84
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR229112 representing NM_001289480
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAATAACCCGATACCTTCTAATCTGAAATCAGAAGCAAAGAAGGCTGCCAAAATATTAAGAGAATTCA
 CAGAAATAACTTCTAGAAATGGACCTGATAAGATCATTCTGAATGGTCTGCACCTTCAGCCATTGGGAT
 AGCTGGGCTTGGTGGAGGATTTGAAATAGGAATAGAGGTATCCGATTTGGTGATAATTCTGAATTATGAC
 AGAGCAGTAGAAGCCTTTGCAAAGGTTGAAACCTGACCCTGGAGGGAATTTACTGTGCGAGTTGGGC
 CCCTAGGCAGGAACCTGGAAGGCAACGTGTCCCTGAGGAGCTCCGCAGCCGTCTTACATACTGCAAGTC
 CAGGGGCCTCTTTGCTGGTATCTCCCTGGAAGGAGCTGTCTGATTGAGAGGAAAAGAAACCAATCGGAAA
 TTTTACTGTGACGACATTCGAGCTTACGACATTTTATTTGGAGATGTTCCGCAGCCTGCTCAAGCAGAAG
 ATCTTTATGAAATTTAATTCCTTCACTGAGAAATATGAACTGAAGGGCAGCGCATCAATTTGAAGAA
 AGTAGCCCGGGAGCAGAGGAAGGCCAAAGAATTACCTCCAAAACCATCTTCAAGGCCAGCCAGCCAC
 CCACCTGTACAGCTGAATGCTGGCTCCCAGGTAATAGAAATGAATATAAGCTATATCCTGAGCTTTCTA
 GCTATCATGAGAAAACCTGCAATTTGAATCAACCAATAGAAGTGACAGCATTATACTCTTTCGAAGGACA
 ACAGCCAGGAGACTTGAATTTTCAAGCAGGAGACAGAATCATAGTTATATCAAAGACCGACTCAAATTTT
 GATTGGTGGGAAGGAAAACCTTCGAGGTCAAACCTGGAATTTTCCAGCCAACCTATGTAACCTATGAAT

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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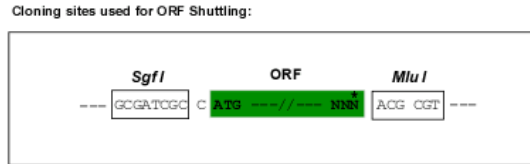
Protein Sequence: >MR229112 representing NM_001289480
Red=Cloning site Green=Tags(s)

MNNPIPSNLKSEAKKAAILREFTEITSRNGPDKIIPWSAPSAIGIAGLGGGFEIGIEVSDLVIILNYD
 RAVEAFKGGNLTLGGNFVAVGPLGRNLEGNVSLRSSAAVFYCKSRGLFAGISLEGSCLIERKETNRK
 FYQDIRAYDILFGDVPQPAQAEDLYEILNSFTEKYETEGQRINLKKVAREQRKAKELPPKPSRRPQPAH
 PPVQLNAGSQGNRNEYKLYPELSSYHEKGTNLNQPIEVTALYSFEGQQPGLNLFQAGDRIIVISKTDNSF
 DWWEGKLRGQTGIFPANYVTMN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001289480

ORF Size: 906 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_001289480.1](#), [NP_001276409.1](#)

RefSeq Size: 1633 bp

RefSeq ORF: 909 bp

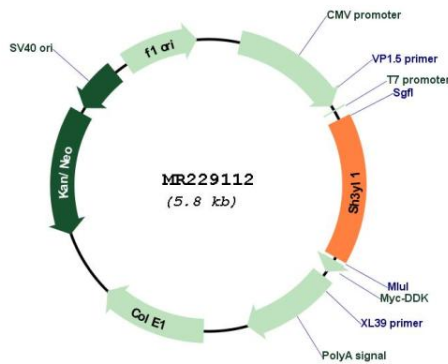
Locus ID: 24057

UniProt ID: [O08641](#)

Cytogenetics: 12 A2

MW: 33.8 kDa

Product images:



Circular map for MR229112