

Product datasheet for **RN206517**

Syng4 (NM_001025644) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: Syng4 (NM_001025644) Rat Untagged Clone

Tag: Tag Free

Symbol: Syng4

Synonyms: MGC114469

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >RN206517 representing NM_001025644

Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGCACCTCCCCGAAAGCCTGCAGGACCTGGCAGACAGTGAGACTGTGCGCTTTCTGAGGAGACCAAAGA
GCGTCTCAAGGATCTTCGGAGGGGTCTTTCCCTGGTCATCTTTCTCTCTACTAACTGATGGTTACCA
GAATAGGACGGAGTCTCCTCAGCTCCGCTGCGTACTCAACAGCAACCACATGGCCTGTAGCTTTGCAGTG
GGAGCTGGCTTCCTGTCCTTTCTAGCTGCTTGGTCTTCCTTGCCGTAGACGCCCATGAGAGCCGCATGG
TAGGCACCCGCTTTAAGACAGCCTTCAGCTCCTGGACTTCATTCTGGCTGTCCTCTGGGCAGGTGTCTG
GTTTGTGGCCTTCTGCTTCCTAGCCAGCCAGTGGCAGCATTGCAAGTCCAAGCACTTCCTCTGGGGAGC
AGCAGCGCCAAGGCAGCCATTGCCTTTTCTTCTCTCCGTCCCGTCTGGATACTCCAGGCCTACCTAG
CCTTCCAGGACCTCCGAGAAGAGGCTCCAGTCCCTACAAGCGCTCCCTGGAGGAGGGTAGTGTGGTGCT
GAACACCTCTCTCCATCATCCACCACTAGCCCCGCCAACCTACCGTCACAGGCCCAACAGTCTGAGT
TACAGCAGCTCAGCCCTGTCCCCTACATGACTGCTCAAAGGCCCCACGCCTGGCCATGATGCCAGACA
GCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001025644

Insert Size: 705 bp



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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).
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:	<u>NM_001025644.1, NP_001020815.1</u>
RefSeq Size:	1623 bp
RefSeq ORF:	705 bp
Locus ID:	292916
Cytogenetics:	1q22