

Product datasheet for **MG202745**

Syngn3 (NM_011522) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Syngn3 (NM_011522) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Syngn3
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG202745 representing NM_011522
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGGGAGCATCCTTTGGCGCGGGCCGTGCGGGAGCTGCCTTTGATCCCGTGAGCTTTGCGCGGGCGC
 CCCAGACCCTGTTGCGGGTCGTGTCTCGGGTGTTCCTATTGCGGTGTTCCGACCGATTGTCAACGAGGG
 CTACGTGAACCCGACAGTGGTCCAGAAGTGGCTGCGTCTTCAACGAAATGCGGGAGCCTGCCGCTTC
 GCGTCGTAAGTCTAGGGCCCTTCATCGCTGCGTGGCTTCTTGTGCTGGACGTGCGCTTTTCAGC
 AGATCAGCAGCGTCCGAGACCGTCCGGGCTGTGCTACTGGACCTGGCTTCTCAGGGTCTGGTCCCT
 CCTGTGGTTCGTAGGCTTCTGTTTCTCACCACCAATCAGTGGCAACGAACAACGCCAGGGCCAGGCACCGC
 CAGGCTGGAGATGCGGCGCGTGTGCCATCGCTTTCAGCTTCTTCCATCCTCAGCTGGGTGGCGCTCA
 CCGTGAAGGCCCTGCAGCGGTTCCGCTAGGCACCGATATGTCTCTTTGCCACAGATCAGCTAGGTAC
 TGGGGCTGCCAGGCCTACCCAGGCTACCCAGTGGGCAGTGGTGTGGAGGTACAGAAACATACCAGAGC
 CCGCCCTCACTGAGACCCTGGACACCAGCTCAAAGGGTACCAGGTGCCTGCCTAT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG202745 representing NM_011522
 Red=Cloning site Green=Tags(s)

MEGASFGAGRAGAAFDPVSFARRPQTLLRVVSWVFSIAVFGPIVNEGYVNSDSGPELRCVFNAGACRF
 GVVLLGLGAFIACVAFLLLDVRFQQISSVRDRRAVLLDLGFSGVWSFLWFVGFCLTNQWQRTTPGPGTA
 QAGDAARAAIAFSFFSILSWVALTVKALQRFRLGTDMSLFATDQLGTGAAQAYPGYPVSGVVEGTETYQS
 PPFETLDTSSKGYQVPAY

TRTRPLE - GFP Tag - V



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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:	<u>NM_011522.3</u>
RefSeq Size:	1961 bp
RefSeq ORF:	690 bp
Locus ID:	20974
UniProt ID:	<u>Q8R191</u>
Cytogenetics:	17 A3.3
Gene Summary:	May play a role in regulated exocytosis (PubMed:10383386). May indirectly regulate the activity of the plasma membrane dopamine transporter SLC6A3 and thereby regulate dopamine transport back from the synaptic cleft into the presynaptic terminal (PubMed:19357284).[UniProtKB/Swiss-Prot Function]