

Product datasheet for **MG204813**

5730593N15Rik (BC025832) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	5730593N15Rik (BC025832) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	5730593N15Rik
Synonyms:	5730593N15Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG204813 representing BC025832 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGTGGGCTCACCTGATCCCTGTTACAGCTTCATCCCTTACTGCTCCAGTGACGTTTGGAGTGGGGCTT
CACCCAAGTCTGACAAGAATGAATATGCCTTCATGGGCTCCCTCATCATCCAGGAGGTGGTACGGGAGCT
CCTGGGCAAAGGGCTGAGCGGGCAAAGGTGCTGCTGTTGGCCGGGAGCAGCGCTGGGGCACCGGGGTG
CTGTTGAATGTAGACCGGTGGCTGAGCTGCTGGAGGAGTTGGGCTACCGTCTATCCAGGTGCGGGGCC
TGGCTGACTCAGGCTGGTTCCTGGACAACAAGCAGTACCGGCGATCAGACTGCATTGATACTATCAACTG
TGCACCCACAGACGCCATCCGCCGTGGCATCAGGTACTGGAGTGGGATGGTCCCAGAGCGTTGCCAGCGC
CAGTTCAAGGAAGGAGAGGAATGGAATTGCTTCTTTGGCTACAAAGTATATCCGACTCTGCGCTGTCCGG
TGTTTCGTGGTACAGTGGCTTTTCGATGAGGCCAGCTTACCGTGGATAACGTGCATCTCACCGGACAGCC
GGTTCAGGAAGGCCAGTGGCTATACATCCAGAATCTGGGCCGAGAAGTGCCTGGTACACTCAAGGATGTG
CAGGCCAGCTTTGCCCGCCTGCCTGTCTCATGAGATCATACGAGCTATTGGACGGACGTCCAGG
TGAAGGGGACCTCACTGCCAGGGCACTGCACTGCTGGGACCGGAGCTCCATGACAGCCATAAGGCCAG
CAAAACCCCATGAAGGGCTGCCCTTCCACCTGGTAGACAGCTGCCCTGGCCCCACTGCAATCCCTCA
TGCCCTACCATCCGGGACCAGTTCACAGGGCAAGAGATGAACGTGGCACAGTTCCTTATGCATATGGGT
TCGATGTGCAGATGGTGGCTCAGCAGCAGGGGATGGAGCCAGCAAGCTGCTAGGGATGCTGAGTAAATGG
GAAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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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: [BC025832](#), [AAH25832](#)

RefSeq Size: 1447 bp

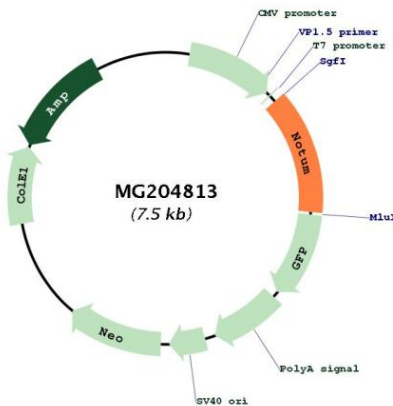
RefSeq ORF: 986 bp

Locus ID: 77583

Cytogenetics: 11 E2

Gene Summary: Carboxylesterase that acts as a key negative regulator of the Wnt signaling pathway by specifically mediating depalmitoleoylation of WNT proteins. Serine palmitoleoylation of WNT proteins is required for efficient binding to frizzled receptors.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG204813