

Product datasheet for **RG217810**

ENDOD1 (NM_015036) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ENDOD1 (NM_015036) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ENDOD1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG217810 representing NM_015036
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGCACCGCGCTGGCTCGCCTGGGCAGCCTCTTCGCCCTGGCTGGCTGCTGGAAGCCGGCTCG
 TGGGCGAGGAGGAAGCCGGCTTTGGCGAATGTGACAAGTTCTTCTACCGGGACCCCGCTGCGGGCT
 GCGCGCCGATTCCCACGTGAAGATCTGTGACGCGCGGAGGGTGTGAGCGCTTCGCCACCCCTACAGC
 ACCCGGGACCGCATCCCCGTGTACTCCGCGTTCGCGCCCCGCGCCCTGCGCCCGCGCGCCGAGCAGC
 GATGGCTGGTGGAGCCGAGATCGATGACCCCAACAGCAACCTTGAGGAGGCGATTAATGAGGCAGAGGC
 CATCACCTCTGTGAACAGCCTGGGAAGCAAGCAAGCCTTGAATACAGATTACCTTGATTCTGATTACCAA
 AGAGGACAGCTTACCCATTCTCCCTTAGCAGTGTCCAGGTGGCCACATTTACTCTCACAAATTCAG
 CCCAATGACTCAGTCTTCCAGGAACGGTGGTATGTGAATCTCCACAGCCTAATGGACCGGGCTTTGAC
 CCCACAGTGTGGCAGTGGGAAGACCTATATATCCTCACAGGCACAGTGCCTCAGACTACAGAGTTAAA
 GACAAAGTGGCAGTCCCTGAGTTTGTGGCTGGCAGCCTGTTGTGCTGTCCCTGGAGGAGGCTGGGCCA
 TGGGCTTTGTCAAGCACACCCGGACAGTGACATCATAGAAGATGTGATGGTAAAAGATCTTCAGAACT
 GCTTCCATTTAACCTCAGCTGTTTCAGAACTGTGGTAAAAGTGGTAAAGACACAGAGAAAAATGAAA
 AAAATCCTGGAAGTGGTTAACCAATCCAGGATGAAGAACGAATGGTACAATCTCAAAGAGTTCTAGTC
 CCCTTTTAGCACCAGGAGCAAGAGGTCTACTCTGTTGCCTCCAGAGGCATCTGAGGGAAGTAGTAGCTT
 TTTGGGAAAACATGGGCTTATTGCTACCCATTCACTCAAGCTTTTCAATTAATTTATTACCTGTG
 GTAGCAATCCTGAAGAACATTGTCTATTTCCCTGTGGTGTGTTACCAAGCAGGTGATTAATGGCATAGAAA
 TTGCCTTTACCGCTGGGCTCAGCCACCATCTCATACTCATGGCCATTGGGGAAGAGTTGGTGAAGC
 TCCTGGAAGGTGCTCAAGTCTGTGGCCAAAGTCACTCAGGGCTCTCCTCCGGATCCTTTGTTGTCTGCTG
 AAGGCCATTTGCCGAGTTCTGAGCATCCCTGTCCGTGTCCTTGTGGATGTGGCCACTTTCCTGTGTACA
 CCATGGGCCTATTCCAATTGTTTGAAGGACATTGCACTGGGCCTTGGTGGCACTGTCTACTGCTCTT
 TGACACTGCTTTTGGTACCCTGGGTGGCTATTTAGGTGGTTTTTAGTGTCTGCAAGCGGATTGGCTAC
 AAGGTTACTTTTGACAATTCTGGGGAGTTA

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG217810 representing NM_015036
 Red=Cloning site Green=Tags(s)

MGTARWLALGSLFALAGLLEGRLVGEEAAGFGECDKFFYAGTPPAGLAADSHVKICQRAEGAERFATLYS
 TRDRIPVYSAFRAPRPAPGGAEQRWLEVPQIDDPNSNLEEAINAEAITSVNSLGSKQALNTDYLDSDYQ
 RGQLYPFSLSSDVQVATFTLNSAPMTQSFQERWYVNLHSLMDRALTPQCGSGEDLYILTGTVPDYSYRVK
 DKVAVPEFVWLAACCAVPGGGWAMGFVKHTRSDIIEDVMVKDLQKLLPFNPQLFQNNCGETEQDTEKMK
 KILEVVNQIQDEERMVQSQKSSSPLSSTRSKRSTLLPPEASEGSSFLGKLMGFIATPFIKLFQLIYYLV
 VAILKNIVYFLWCVTQVINGIESCLYRLGSATISYFMAIGEELVSIIPWKVLKVVAKVIRALLRILCCLL
 KAICRVL SIPVRVLVDVATFPVYTMGAIPVCKDIALGLGGTVSLLFDATFGTLGGLFQVVFVSVCKRIGY
 KVTFDMSGEL

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

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_015036.3](#)

RefSeq Size: 4650 bp

RefSeq ORF: 1503 bp

Locus ID: 23052

UniProt ID: [O94919](#)

Cytogenetics: 11q21

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Apoptosis

Gene Summary: May act as a DNase and a RNase.[UniProtKB/Swiss-Prot Function]