

## Product datasheet for **MG207741**

### Trim11 (BC020102) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Trim11 (BC020102) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Trim11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>MG207741 representing BC020102  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCTGCCCCAGACTTGTCCACCAACCTCCAGGAGGAGGCCACCTGCGCCATCTGCCTGGATTACTTCA  
 CCGACCCGGTGATGACCGACTGCGGCCACAACCTTCTGCCGCGAGTGCATCCGACGTTGCTGGGGCCAGCC  
 CGAGGGCCCATACGCGTGCCCGAGTGTGCGGAGCTGTGCGCGCAGAGGAACCTACGGCCCAACCGCCCG  
 CTCGCCAAAATGGCAGAAATGGCAGCAGCCTGCACCCGCTTCTCCGGTCCCGCAGGGCGTCTGTGCGG  
 CGCACCCGCGAGCCGCTGACCACCTTCTGCGGCGACGACCTCAGCCTGCTGTGCCCATCTGCGAGCGTTC  
 GGAGCACTGGACTCACCGGGTGAGACCGCTGCAGGAGGCGGGGACGACCTCAAGGGGAGGCTGGAGAAG  
 TCACTGGAGCACCTACGGAACAAATGGAGGACGCAATGCTGTTCCAAGCCAGGCTGAGGAAACCTGTG  
 CCTTGTGGCAGAAGATGGTGGAGAGCCAGCGGCAGAATGTCTGGGCGAGTTTGGAGGCTGCGCCGCT  
 GTTGGCAGAGGAGGAGCAACAGCTGCTGCAGAAGCTGGAGGAGGAAGAGCTGGAGGTTCTGCCGCGCTG  
 CGTGAAGGCGCTGCGAGGCTTGGCCAGCAAAGCAGCAGCTGGCAGCCCTCATCTCCGAGCTTGGAGCC  
 GCTGCCAGCTGCCAGCCCTGGGTTTACTGCAGCTCTGCATTGAGTGTGCGCCCTGGAGAGAGAAGCGTC  
 TATAGCCAAGGACATTAAGGACGCCCTGTGACGGTGCAGGATGTGAAGCTGCAGCTCCAGCAGTGGTG  
 CCCATGGAGCTGAGGACCGTGTGCCGGTCCCAGGGCTGGTGGAGACCCTGCGGAGGTTCCGAGGGGACA  
 TAACCCTGGACCCAGACCCGCAACCTGAGCTGGTCTTATCTGAGGACCGGAGGAGTGTGCAGCGTGG  
 TGAACAGCGGCAGGCCCTGCCTGACAACCCAGAGCGGTCGACCTGGCCCTTGTGTGCTGGGCCAGGAG  
 CGCATTACCTCTGGCCGCACTACTGGGAGTGAAGTCGGGGACCAGACCAGCTGGGCACTCGGCGTGT  
 GTAAAGAAACTGCCAACAGGAAGGAGAAGGGGAGCTGTCCGCTGGCAATGGGTTCTGGATCCTGGTGT  
 CCTGGGGAGTTTCTATAATTCCAATGAGCCGCTTCTCCCACTGCGGGACCCTCCCAAGCGTGTGGGG  
 ATTTTTCTGGACTATGAAGCTGGCCATCTCTATTCTACAGTGCCACGGATGGGTCGCTGCTGTTTATCT  
 TCCCCGAGACCCTGTTCTCAGGGACACTCCGGCCCTTCTCTACCTCTGTCAAGCAGCCCAACCCCTAT  
 GACTATCTGCAGGCTGATAGGTGTATCTGGGGACACCCTTGGTCCGCGAG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

**Protein Sequence:**

>MG207741 representing BC020102  
 Red=Cloning site Green=Tags(s)

MAAPDLSTNLQEEATCAICLDYFTDPVMTDCGHNFCRECIIRRCWGQPEGPYACPECRELSAQRNLRPNRP  
 LAKMAEMARRLHPPSPVPQGVCAAHREPLTTFCGDDL SLLCPICERSEHWTHRVRPLQEAADDLKGRLK  
 SLEHLRKQMEDAMLFQAQAEETCALWQKMOVESQRQNVLGEFERLRLLAEQQLLQKLEEEELVLPRL  
 REGAARLQQSTQLAALISELESRCQLPALGLLQLCIECCALEREASIAKDIKDALCRVQDVKLQPPAVV  
 PMELRTVCRVPGLVETLRRFRGDIITLDPDTANPELVLSDDRVSQRGEQRQALPDNPERFDPGPCVLGQE  
 RITSGRHYWEVEVDQTSWALGVCKETANRKEKEL SAGNGFWILVFLGSFYNSNEPAF SPLRDPKRVG  
 IFLDYEAGHLSFYSATDGSLLFIFPETLFSGLTRPLF SPLSSSPTPMTICRLIGVSGDGLGPQ

SGP**TRRRLE** – GFP Tag – V

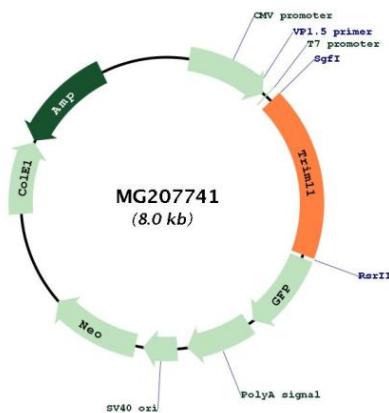
**Restriction Sites:**

Sgfl-RsrII



**Gene Summary:**

E3 ubiquitin-protein ligase that promotes the degradation of insoluble ubiquitinated proteins, including insoluble PAX6, poly-Gln repeat expanded HTT and poly-Ala repeat expanded ARX. Mediates PAX6 ubiquitination leading to proteasomal degradation, thereby modulating cortical neurogenesis. May also inhibit PAX6 transcriptional activity, possibly in part by preventing the binding of PAX6 to its consensus sequences. May contribute to the regulation of the intracellular level of HN (humanin) or HN-containing proteins through the proteasomal degradation pathway. Mediates MED15 ubiquitination leading to proteasomal degradation. May contribute to the innate restriction of retroviruses. Upon overexpression, reduces HIV-1 and murine leukemia virus infectivity, by suppressing viral gene expression. Antiviral activity depends on a functional E3 ubiquitin-protein ligase domain. May regulate TRIM5 turnover via the proteasome pathway, thus counteracting the TRIM5-mediated cross-species restriction of retroviral infection at early stages of the retroviral life cycle.[UniProtKB/Swiss-Prot Function]

**Product images:**

Circular map for MG207741