

Product datasheet for **MG206598**

Tmprss11d (NM_145561) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmprss11d (NM_145561) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Tmprss11d
Synonyms:	AsP; AST; BC020151
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG206598 representing NM_145561 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTATAGGCCAAGACCAATGCTATCACCGTCAAGATTCTTCACTCCCTTGCAGTAGCTTTGTTGTCA
TAATAACGGTAGGGCTCCTGGCCATGATGGCAGGTCTACTTATCACTTTTTAGCTTTTGACAAGAAAGC
TTACTTTTATCATAGCAGCTTTCAAATCCTAAACGTTGAATACACTGAGGCTTTAAACTCACCAGCTACA
CACGAATACAGAACCCTTGAGTGAAGAATTGAGGCTATGATTACTGATGAATTCGAGGATCAAGTCTAA
AAAGTGAGTTTATCAGGACACATGTTGTCAAATAAGAAAAGAAGGGACTGGTGTGGTTGCGGATGTTGT
CATGAAATTTTCGATCTAGTAAACGTAACAACAGAAAGGTAATGAAAACCGAATTCATCTGTGCTACGA
AGACTCAGCAGCTCTGAAAACCTTGAAAATAGCCCTTCGAATGAGATAACATCACTCACTGACCAGGATA
CTGAAAATGTTTTGACTCAAGAATGTGGAGCACGTCCAGACCTTATAACTGTGCAAGAGAGAATCAT
TGGAGGCATGCAAGCTGAGCCCGGTGACTGGCCCTGGCAAGTCAGTCTACAGCTCAATAATGTCCACCAC
TGTGGAGGTGCCCTGATCAGTAACATGTGGTCTGACAGCAGCTCATTGCTTCAAAGCTATCCTAATC
CTCAATATTGGACAGCCACCTTTGGGGTTTCTACAATGAGCCCTAGGCTGAGAGTGAGAGTAAGGGCTAT
TTAGCCACAGATGGGTACAGCTCCGTAACCTCGTGACAATGACATCGCAGTTGTACAACCTGACAGATCT
GTCGCCTTTTCCAGAAATATCCATAGGGTATGTCTCCAGCAGCAACCCAAAATATCATCCCTGGTTCTG
TCGCATATGTTACAGGATGGGGATCTCTCACATATGGAGGCAACGCAGTCACAAATCTACGCAAGGAGA
GGTCAGAATAAATAGTTTCAGAGGAATGCAATACGCCAGCTGGTTACAGTGGAAGTGTCTTGCCAGGAATG
CTGTGTGCTGGAATGCGTTCAGGGGCCGTGGATGCATGCCAGGGTGATTCAGGTGGCCCGTAGTACAAG
AAGACTCAAGGCGGCTTTGGTTTGTGTGGCATTGTGAGCTGGGGATATCAGTGTGCCCTCCAAATAA
GCCAGGCGTGTATACTCGAGTGACAGCCTACCGCAACTGGATCAGACAGCAGACGGGAATC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >MG206598 representing NM_145561
 Red=Cloning site Green=Tags(s)

MYRPRPMLSPSRFFTPFAVAVFVVIITVGLLAMMAGLLIHFLAFDKKAYFYHSSFQILNVEYTEALNSPAT
 HEYRTLSEIEAMITDEFGRGSSLKSEFIRTHVVKLRKEGTGVVADVVMKFRSSKRNNRKMTRIQSIVLR
 RLSSSGNLEIAPSNEITSLTDQDTENVLTQECGARPDLITLSEERIIGMQAEPGDWPWQVSLQLNNVHH
 CGGALISNMWVLTAAHCFKSYPNPQYWTATFGVSTMSPRLRVVRVRAILAHGYSVTRDNDIAVVQLDRS
 VAFSRNIHRVCLPAATQNIIPGSVAVYVTGWGSLTYGGNAVNTLNRQGEVRIISSEECNTPAGYSGSVLPGM
 LCAGMRSGAVDACQGDGSGGPLVQEDSRRLWFVVGIVSWGVCGLPNKPGVYTRVTAAYRNWIRQQTGI

TRTRPLE - GFP Tag - V

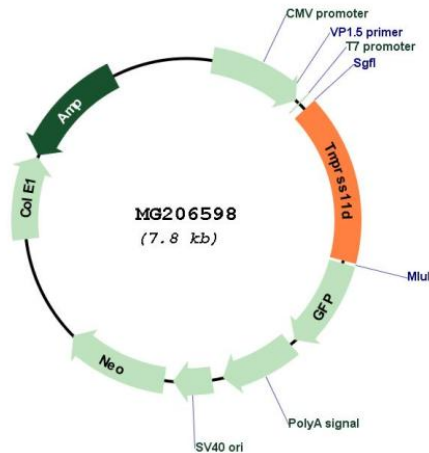
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_145561

ORF Size:	1251 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_145561.1
RefSeq Size:	2046 bp
RefSeq ORF:	1254 bp
Locus ID:	231382
UniProt ID:	Q8VHK8
Cytogenetics:	5 E1
Gene Summary:	May play some biological role in the host defense system on the mucous membrane independently of or in cooperation with other substances in airway mucous or bronchial secretions. Preferentially cleaves the C-terminal side of arginine residues at the P1 position of certain peptides (By similarity). Plays a role in the proteolytic processing of ACE2. Isoform 2 may play a key role in regulating adrenal proliferation by specifically cleaving N-POMC. [UniProtKB/Swiss-Prot Function]