*m*HAT VersaClone cDNA

Catalog Number: RDC3368

Specifications:

Gene:	*m*Tmprss11d
Accession:	NP_663536.1
Insert size:	1267bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

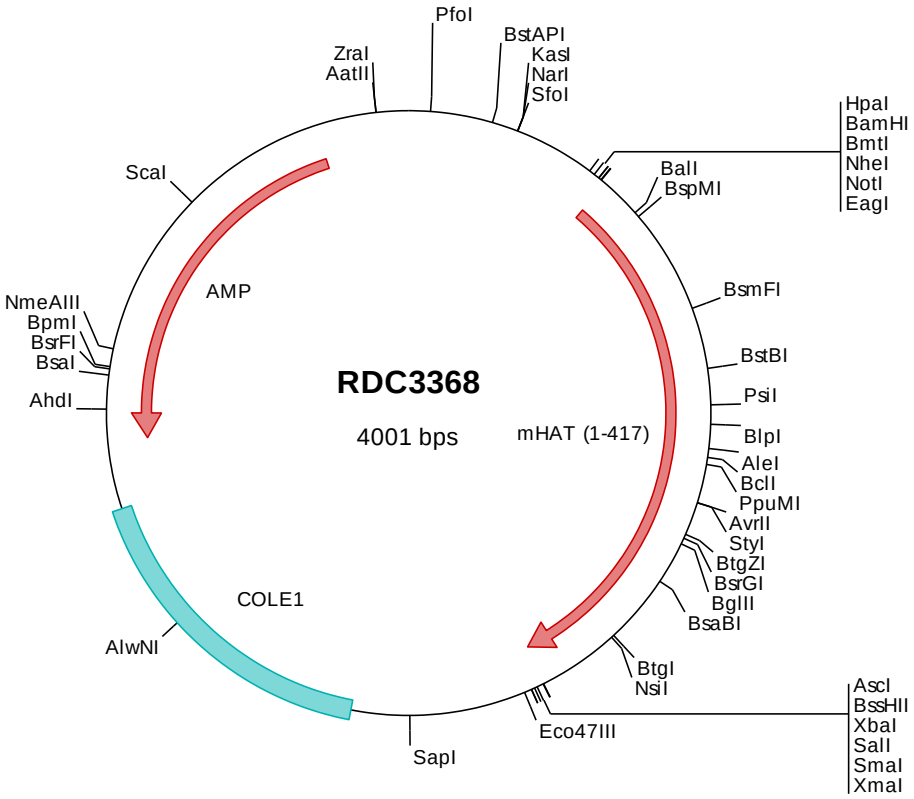
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*m*HAT cDNA Plasmid

Tmprss11d transmembrane protease, serine 11d [*Mus musculus* (house mouse)]

Also known as: AST; AsP; BC020151

Summary:
HAT is a trypsin-like serine protease released from the submucosal serous glands onto mucous membrane. It is a type II integral membrane. HAT 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.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

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> RDC3368 Plasmid DNA Sequence

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   1  tcgcgcgttt cggtgatgac ggtgaaaacc tctgacacat gcagctcccg gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
 101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
 201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
 301  tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
 401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccacc atgtataggc caagaccaat gctatcaccg tcaagattct tcactccctt
 501  tgcagtagct ttcgttgtca taataacggt agggctcctg gccatgatgg caggtctact tattcacttt ttagcttttg acaagaaagc ttacttttat
 601  catagcagct ttcaaatcct aaacgttgaa tacactgagg ctttaaactc accagctaca cacgaataca gaaccttgag tgaaagaatt gaggctatga
 701  ttactgatga atttcgagga tcaagtctaa aaagtgagtt tatcaggaca catgttgtca aactaagaaa agaagggaca ggtgtggttg cggatgttgt
 801  catgaaattt cgatctagta aacgtaacaa cagaaaggta atgaaaacca gaattcaatc tgtgctacga agactcagca gctctggaaa cttggaaata
 901  gccccttcga atgagataac atcactcact gaccaggata cagaaaatgt tttgactcaa gaatgtggag cacgtccaga ccttataaca ctgtcagaag
1001  agagaatcat tggaggcatg caagctgagc ccggtgactg gccctggcaa gtcagtctac agctcaataa tgtccaccac tgtggaggtg ccctgatcag
1101  taacatgtgg gtcctgacag cagctcattg cttcaaaagc tatcctaatc ctcaatattg gacagccacc tttggggttt ctacaatgag ccctaggctg
1201  agagtgagag taagggctat tttagcccac gacgggtaca gctccgtaac tcgtgacaat gacatcgcag ttgtacaact tgacagatct gtcgcctttt
1301  ccagaaatat ccatagggta tgtctcccag cagcaaccca aaatatcatc cctggttctg tcgcatatgt tacaggatgg ggatctctca catatggagg
1401  caacgcagtc acaaatctac ggcaaggaga ggtcagaata ataagttcag aggaatgcaa tacgccagct ggttacagtg gaagtgtctt gccaggaatg
1501  ctgtgtgctg gaatgcgttc aggggccgtg gatgcatgcc agggtgattc aggtggcccg ctagtacaag aagactcaag gcggctttgg tttgttgtgg
1601  gcattgtgag ctggggatat cagtgtggcc tcccaaataa gccaggcgtg tatactcgag tgacagccta ccgcaactgg atcagacagc agacgggaat
1701  ctaaaggcgc gccagtatac tctagagtcg acacccgggg aattcctcga gcgctcgtct ctagcttggc gtaatcatgg tcatagctgt ttcctgtgtg
1801  aaattgttat ccgctcacaa ttccacacaa catacgagcc ggaagcataa agtgtaaagc ctggggtgcc taatgagtga gctaactcac attaattgcg
1901  ttgcgctcac tgcccgcttt ccagtcggga aacctgtcgt gccagctgca ttaatgaatc ggccaacgcg cggggagagg cggtttgcgt attgggcgct
2001  cttccgcttc ctcgctcact gactcgctgc gctcggtcgt tcggctgcgg cgagcggtat cagctcactc aaaggcggta atacggttat ccacagaatc
2101  aggggataac gcaggaaaga acatgtgagc aaaaggccag caaaaggcca ggaaccgtaa aaaggccgcg ttgctggcgt ttttccatag gctccgcccc
2201  cctgacgagc atcacaaaaa tcgacgctca agtcagaggt ggcgaaaccc gacaggacta taaagatacc aggcgtttcc ccctggaagc tccctcgtgc
2301  gctctcctgt tccgaccctg ccgcttaccg gatacctgtc cgcctttctc ccttcgggaa gcgtggcgct ttctcaatgc tcacgctgta ggtatctcag
2401  ttcggtgtag gtcgttcgct ccaagctggg ctgtgtgcac gaaccccccg ttcagcccga ccgctgcgcc ttatccggta actatcgtct tgagtccaac
2501  ccggtaagac acgacttatc gccactggca gcagccactg gtaacaggat tagcagagcg aggtatgtag gcggtgctac agagttcttg aagtggtggc
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2701  aaccaccgct ggtagcggtg gttttttttg ttgcaagcag cagattacgc gcagaaaaaa aggatctcaa gaagatcctt tgatcttttc tacggggtct
2801  gacgctcagt ggaacgaaaa ctcacgttaa gggattttgg tcatgagatt atcaaaaagg atcttcacct agatcctttt aaattaaaaa tgaagtttta
2901  aatcaatcta aagtatatat gagtaaactt ggtctgacag ttaccaatgc ttaatcagtg aggcacctat ctcagcgatc tgtctatttc gttcatccat
3001  agttgcctga ctccccgtcg tgtagataac tacgatacgg gagggcttac catctggccc cagtgctgca atgataccgc gagacccacg ctcaccggct
3101  ccagatttat cagcaataaa ccagccagcc ggaagggccg agcgcagaag tggtcctgca actttatccg cctccatcca gtctattaat tgttgccggg
3201  aagctagagt aagtagttcg ccagttaata gtttgcgcaa cgttgttgcc attgctacag gcatcgtggt gtcacgctcg tcgtttggta tggcttcatt
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3601  catcattgga aaacgttctt cggggcgaaa actctcaagg atcttaccgc tgttgagatc cagttcgatg taacccactc gtgcacccaa ctgatcttca
3701  gcatctttta ctttcaccag cgtttctggg tgagcaaaaa caggaaggca aaatgccgca aaaaagggaa taagggcgac acggaaatgt tgaatactca
3801  tactcttcct ttttcaatat tattgaagca tttatcaggg ttattgtctc atgagcggat acatatttga atgtatttag aaaaataaac aaatagggggt
3901  tccgcgcaca tttccccgaa aagtgccacc tgacgtctaa gaaaccatta ttatcatgac attaacctat aaaaataggc gtatcacgag gccctttcgt
4001  c
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> RDC3368 Translated Insert Sequence

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 101  hvvklrkegt gvvadvvmkf rsskrnnrkv mktriqsvlr rlssgnlei apsneitslt dqdtenvltq ecgarpdlit lseeriiggm qaepgdwpwq
 201  vslqlnnvhh cggalisnmw vltaahcfks ypnpqywtat fgvstmsprl rvrvrailah dgyssvtrdn diavvqldrs vafsrnihrv clpaatqnii
 301  pgsvayvtgw gsltyggnav tnlrqgevri isseecntpa gysgsvlpgm lcagmrsgav dacqgdsggp lvqedsrrlw fvvgivswgy qcglpnkpgv
 401  ytrvtayrnw irqqtgi
```