*h*TMPRSS6 VersaClone cDNA

Catalog Number: RDC2640

Specifications:

Gene:	*h*TMPRSS6
Accession:	NP_705837
Insert size:	2449bp
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

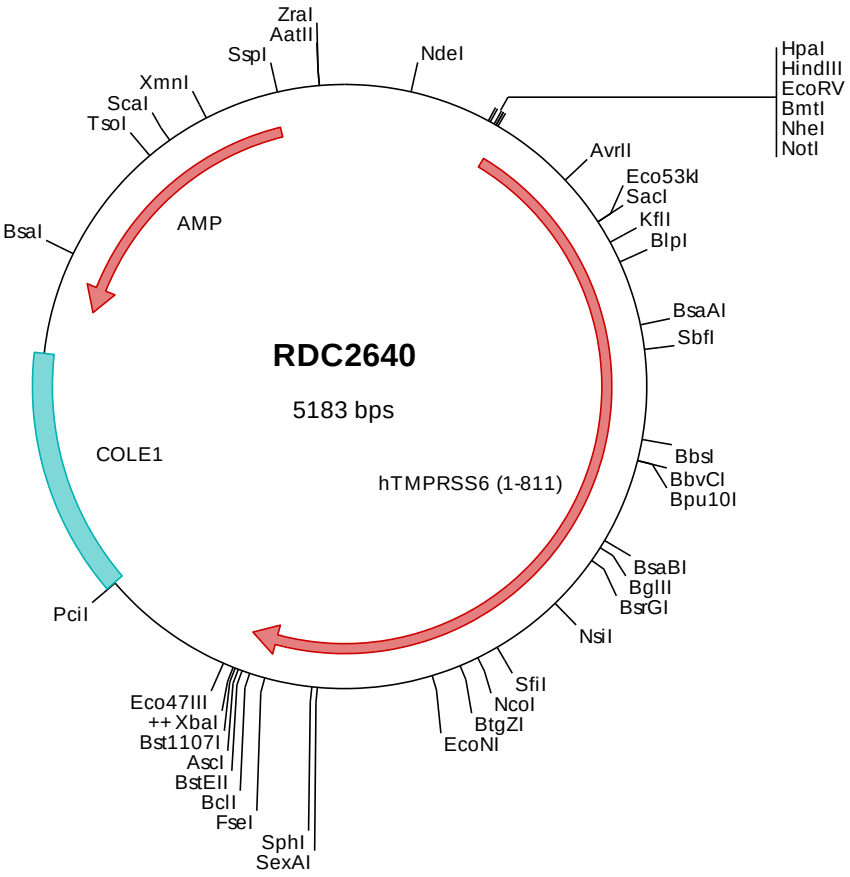
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*h*TMPRSS6 cDNA Plasmid

TMPRSS6 transmembrane serine protease 6 [*Homo sapiens* (human)]

Also known as: IRIDA

Summary:
TMPRSS6 is a type II transmembrane serine proteinase that is found attached to the cell surface. It may be involved in matrix remodeling processes in the liver. Alternatively spliced transcripts encoding different proteins have been described.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

R&D SYSTEMS
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> RDC2640 Plasmid DNA Sequence

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 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 atgttgttac tcttccactc caaaaggatg cccgtggccg aggccccca
 501  ggtggctggc gggcaggggg acggaggtga tggcgaggaa gcggagccgg aggggatgtt caaggcctgt gaggactcca agagaaaagc ccggggctac
 601  ctccgcctgg tgcccctgtt tgtgctgctg gccctgctcg tgctggcttc ggcgggggtg ctactctggt atttcctagg gtacaaggcg gaggtgatgg
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 801  agcccagaag atgctcaagg agctcatcac cagcacccgc ctgggaactt actacaactc cagctccgtc tattcctttg gggagggacc cctcacctgc
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1701  ctacgccgag aggatccccg tggtggccac ggccgggatc accatcaact tcacctccca gatctccctc accgggcccg gtgtgcgggt gcactatggc
1801  ttgtacaacc agtcggaccc ctgccctgga gagttcctct gttctgtgaa tggactctgt gtccctgcct gtgatggggt caaggactgc cccaacggcc
1901  tggatgagag aaactgcgtt tgcagagcca cattccagtg caaagaggac agcacatgca tctcactgcc caaggtctgt gatgggcagc ctgattgtct
2001  caacggcagc gacgaagagc agtgccagga aggggtgcca tgtgggacat tcaccttcca gtgtgaggac cggagctgcg tgaagaagcc caacccgcag
2101  tgtgatgggc ggcccgactg cagggacggc tcggatgagg agcactgtga ctgtggcctc cagggcccct ccagccgcat tgttggtgga gctgtgtcct
2201  ccgagggtga gtggccatgg caggccagcc tccaggttcg gggtcgacac atctgtgggg gggccctcat cgctgaccgc tgggtgataa cagctgccca
2301  ctgcttccag gaggacagca tggcctccac ggtgctgtgg accgtgttcc tgggcaaggt gtggcagaac tcgcgctggc ctggagaggt gtccttcaag
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2901  actctagagt cgacacccgg ggaattcctc gagcgctcgt ctctagcttg gcgtaatcat ggtcatagct gtttcctgtg tgaaattgtt atccgctcac
3001  aattccacac aacatacgag ccggaagcat aaagtgtaaa gcctggggtg cctaatgagt gagctaactc acattaattg cgttgcgctc actgcccgct
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> RDC2640 Translated Insert Sequence

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301  vlasgaimav vwkkglhsyy dpfvlsvqpv vfqacevnlt ldnrldsqgv lstpyfpsyy spqthcswhl tvpsldygla lwfdayalrr qkydlpctqg
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501  stcislpkvc dgqpdclngs deeqccqegvp cgtftfqced rscvkkpnpq cdgrpdcrdg sdeehcdcgl qgpssrivgg avssegewpw qaslqvrgrh
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701  hcwitgwgal reggpisnal qkvdvqlipq dlcsevyryq vtprmlcagy rkgkkdacqg dsggplvcka lsgrwflagl vswglgcgrp nyfgvytrit
801  gviswiqqvv t
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