*h*TMEM88 VersaClone cDNA

Catalog Number: RDC2804

Specifications:

Gene:	*h*TMEM88
Accession:	NP_981956
Insert size:	493bp
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.

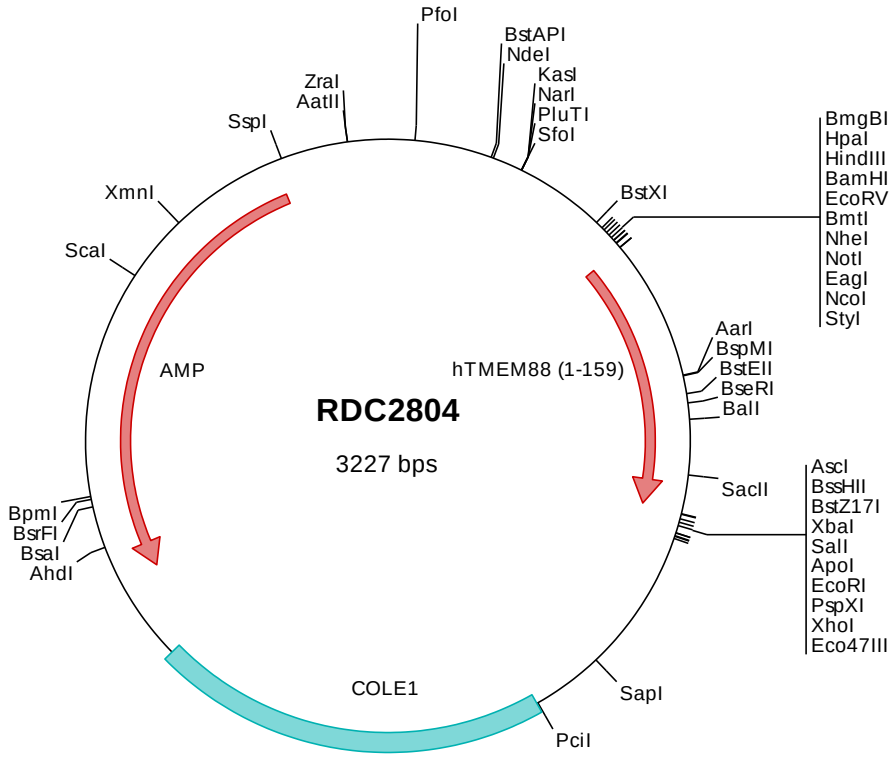
Preparation and Storage

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*TMEM88 cDNA Plasmid

TMEM88 transmembrane protein 88 [*Homo sapiens* (human)]

Summary:
TMEM88 is localized to the cell membrane. It inhibits the Wnt/beta-catenin signaling pathway. TMEM88 is crucial for heart development and acts downstream of GATA factors in the pre-cardiac mesoderm to specify lineage commitment of cardiomyocyte development. TMEM88 is expressed at significantly higher levels in breast cancer tissues.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

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> RDC2804 Plasmid DNA Sequence

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 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 atggcggatg tccccggggc acagcgagcg gttcctggtg acggcccaga
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1001  tcatggtcat agctgtttcc tgtgtgaaat tgttatccgc tcacaattcc acacaacata cgagccggaa gcataaagtg taaagcctgg ggtgcctaat
1101  gagtgagcta actcacatta attgcgttgc gctcactgcc cgctttccag tcgggaaacc tgtcgtgcca gctgcattaa tgaatcggcc aacgcgcggg
1201  gagaggcggt ttgcgtattg ggcgctcttc cgcttcctcg ctcactgact cgctgcgctc ggtcgttcgg ctgcggcgag cggtatcagc tcactcaaag
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1901  gttggtagct cttgatccgg caaacaaacc accgctggta gcggtggttt ttttgtttgc aagcagcaga ttacgcgcag aaaaaaagga tctcaagaag
2001  atcctttgat cttttctacg gggtctgacg ctcagtggaa cgaaaactca cgttaaggga ttttggtcat gagattatca aaaaggatct tcacctagat
2101  ccttttaaat taaaaatgaa gttttaaatc aatctaaagt atatatgagt aaacttggtc tgacagttac caatgcttaa tcagtgaggc acctatctca
2201  gcgatctgtc tatttcgttc atccatagtt gcctgactcc ccgtcgtgta gataactacg atacgggagg gcttaccatc tggccccagt gctgcaatga
2301  taccgcgaga cccacgctca ccggctccag atttatcagc aataaaccag ccagccggaa gggccgagcg cagaagtggt cctgcaactt tatccgcctc
2401  catccagtct attaattgtt gccgggaagc tagagtaagt agttcgccag ttaatagttt gcgcaacgtt gttgccattg ctacaggcat cgtggtgtca
2501  cgctcgtcgt ttggtatggc ttcattcagc tccggttccc aacgatcaag gcgagttaca tgatccccca tgttgtgcaa aaaagcggtt agctccttcg
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> RDC2804 Translated Insert Sequence

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