

Product datasheet for **RC220084**

TMEM214 (NM_001083590) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM214 (NM_001083590) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TMEM214
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

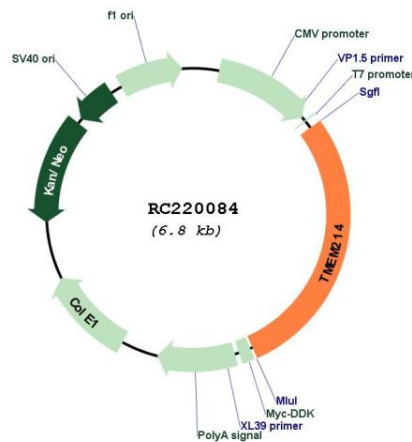
>RC220084 representing NM_001083590
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGACCAAGACGGCGGGCGTGGGGCGTGGGAGGTAGTGAAGAAGGGTCGGCGCCCTGGGGTCGGCG
 CCGGCGCCGGCGCCGAGGAGGCGGCAGGAACCGCAGGGCGCTCGGGGAAGCAAACGGAGTGTGAAATA
 CGACCTGACCCCTGCAATCCAGACCACAAGCACCTTTATGAGCGGGGCTTTGAGAAATATCATGAAGCGG
 CAGAATAAGGAGCAGGTCCCACCCCTGCTGTGGAACCTAAGAAACCAGGGAACAAGAAGCAGCCAAAGA
 AGGTGGCAACTCTCCAAACCAAACCAGAAGCAGGGCGCTTCCGCAGCCTGGAGGAAGCACTGAAAGC
 TCTGGATGTGGCAGACCTGCAGAAGGAAGTGGACAAGAGCCAGAGTGTGTTCTCTGGAACCCATCCATA
 TGGTTGAAGGACCTGGCCAGCTATCTCACTACAAGCTACAAGCTCCTCTAAGTGAACCCACGCTGAGCC
 AGCATACTCATGGGGAGTCACTACATGGTTACCGCATCTGTATCCAGGCCATCCTGCAAGACAAGCCAA
 GATTGCCACGGCAAACCTAGGCAAGTTCCTGGAAGTCTGAGGTCCCACCAGAGCCGACCAGCAAAGTGT
 CTACCATCATGTGGGCCCTGGGTCAAGCAGGTTTTGCCAACCTACCGAGGGACTGAAAGTGTGGCTGG
 GGATCATGCTGCCTGTGCTGGGCATCAAGTCTCTGTCTCCCTTTGCCATCACATACCTGGATCGGGTGT
 CCTGATGCATCCCAACCTTACCAAGGGCTTCGGCATGATTGGCCCAAGGACTTCTTCCACTTCTGGAC
 TTTGCCTATATGCCGAACAACCTCCCTGACCCAGCCTGCAGGAGCAGCTGTGTGAGTCTACCCCGAC
 TGAAAGTGTGGCATTGGAGCAAAGCCGGATTCCACCCTGCATACCTACTTCCCTTCTTTCCTGTCCAG
 AGCCACCCTAGTGTCCCTGAGATGAAGAAAGAGCTCCTGAGCAGCCTGACTGAGTGCCTGACGGTG
 GACCCCTCAGTGCCAGCGTCTGGAGGCAGCTGTACCTAAGCACCTGTACAGTCCAGCCTTCTGCTGG
 AGCACTTGTGCTCAGTCTCTGGGAGCAGATTCCCAAGAAGTACAGAAGTCTTTGCAAGAAACCATTGATC
 CCTCAAGCTTACCAACCAGGAGCTGCTGAGGAAGGGTAGCAGTAACAACCAGGATGTCGTCACCTGTGAC
 ATGGCCTGCAAGGGCCTGTTGCAGCAGGTTCAAGGTCCTCGGCTGCCCTGGACGCGGCTCCTCCTGTTGC
 TGCTGGTCTTCGCTGTAGGCTTCTGTGCCATGACCTCCGGTCACACAGCTCCTTCCAGGCTCCTTAC
 TGGCCGGTTGCTTCGATCATCTGGCTTCTTACCTGCTAGCCAACAAGCGTGTGCCAAGCTCTACTCCTAC
 AGTCTGCAAGGCTACAGTGGCTGGGGGAGACTGCCGCTCTGGGGCTCCACCTGCTCACCCTGGTGC
 GGCCAGCTTGCAGTGGCCTGGGCTCACACCAATGCCACAGTCAAGTTCCTTTCTGCCACTGTGCCTC
 TCACCTTGCCTGGTTTGGTGACAGTCTCACCAGTCTCTCTCAGAGGCTACAGATCCAGCTCCCCGATTCC
 GTGAATCAGTACTCCGCTATCTGAGAGAGCTGCCCTGCTTTTCCACCAGAATGTGCTGCTGCCACTGT
 GGCACCTTTGCTTGGGCGCTGGCCTGGGCCAGGAGCACTGCCATGAGGCATGCAGAGGTGAGGTGAC
 CTGGGACTGCATGAAGACACAGCTCAGTGGGCTGTCCTGACCTGGCCTTGGCTTACAGGACATTACA
 GTGGCTTCTTGGACTGGGCACTTGCCTGATATCCAGCAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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:	<u>NM_001083590.2</u>
RefSeq Size:	2929 bp
RefSeq ORF:	1935 bp
Locus ID:	54867
UniProt ID:	<u>Q6NUQ4</u>
Cytogenetics:	2p23.3
MW:	71.9 kDa
Gene Summary:	Critical mediator, in cooperation with CASP4, of endoplasmic reticulum-stress induced apoptosis. Required for the activation of CASP4 following endoplasmic reticulum stress. [UniProtKB/Swiss-Prot Function]

Product images:


Circular map for RC220084