

Product datasheet for RC213067

TAS2R41 (NM_176883) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TAS2R41 (NM_176883) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TAS2R41
Synonyms:	T2R41; T2R59
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC213067 representing NM_176883 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCAAGCAGCACTGACGGCCTTCTTCGTGTTGCTCTTTAGCCTGCTGAGTCTTCTGGGGATTGCAGCGA
ATGGCTTCATTGTGCTGGTGTGGGCAGGGAGTGGCTGCGATATGGCAGGTTGCTGCCCTGGATATGAT
CCTCATTAGCTTGGGTGCCTCCCGCTTCTGCCTGCAGTTGGTGGGACGGTGCACAATTCTACTACTCT
GCCCAGAAGGTCGAGTACTCTGGGGTCTCGGCCGACAGTTCTCCATCTACACTGGCACTTCTGAACT
CAGCCACCTTCTGGTTTTGCAGCTGGCTCAGTGTCTGTTCTGTGTGAAGATTGCTAACATCACACTC
CACCTTCCTGTGGCTGAAGTGGAGGTTCCAGGGTGGGTGCCCTGGCTCCTGTTGGGCTCTGTCTGATC
TCCTTCATCATAACCCTGCTGTTTTTTGGGTGAACCTGTATATCAAGAATTTTTAATTAGAAAAT
TTTCTGGGAACATGACCTACAAGTGAATACAAGGATAGAAACATACTATTTCCCATCCCTGAAACTGGT
CATCTGGTCAATTCCTTTTTCTGTTTTCTGGTCTCAATTATGCTGTTAATTAATTCTCTGAGGAGGCAT
ACTCAGAGAAATGCAGCACAACGGGCACAGCCTGCAGGACCCAGCACCCAGGCTCACACCAGAGCTCTGA
AGTCCCTCATCTCCTTCTCATTCTTTATGCTCTGTCTTTCTGTCCCTGATCATTGATGCCGAAAATT
TATCTCCATGCAGAACGACTTTTACTGGCCATGGCAAATTGCAGTCTACCTGTGCATATCTGTCCATCCC
TTCATCCTCATCTTCAGCAACCTCAAGCTTCAAGCGTGTCTCGCAGCTCCTGTTGTTGGCAAGGGCT
TCTGGGTGGCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Reconstitution Method:

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_176883.2](#)

RefSeq Size: 924 bp

RefSeq ORF: 924 bp

Locus ID: 259287

UniProt ID: [P59536](#)

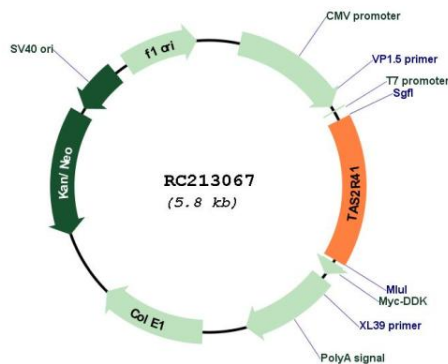
Cytogenetics: 7q35

Protein Pathways: Taste transduction

MW: 35.7 kDa

Gene Summary: This gene encodes a member of the bitter taste receptor family which belong to the G protein-coupled receptor superfamily and are predominantly expressed in taste receptor cells of the tongue and palate epithelia. This intronless taste receptor gene encodes a seven-transmembrane receptor protein, functioning as a bitter taste receptor. This gene is clustered together with eight other taste receptor genes on chromosome 7. Chloramphenicol is an agonist for the encoded protein. [provided by RefSeq, Jul 2017]

Product images:



Circular map for RC213067