

Product datasheet for **RG220654**

C10orf72 (VSTM4) (NM_144984) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C10orf72 (VSTM4) (NM_144984) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: VSTM4
Synonyms: C10orf72
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG220654 representing NM_144984
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCGGCTGCTGGCACTGGCGGGCCGCGCTGCTGGCGGGCTCCGGCTCCGGAGGTCTGTGCGGCC
TCAATGCTACTGTGTCCCGGGCCCGTGGTTGACTACCTGGAGGGGAGAATGCCACTCTCCTTGCCA
CGTCTCCAGAAAAGCGGAAGGACAGCTTGTGGCCGTGCGTGGTTCTTGCACACTCCTTCGACTCC
CAGGAGGCCTTGATGGTGAAGATGACCAAGCTCCGGTGGTGCAGTACTATGGGAATTCAGCCGACGG
CCAACGCGGGAGGCTGCGCCTGCTGGAGGAGCAGCGGGGGCGCTCTACAGGCTCTCCGTCTTGACT
GCAGCCCTCCGATCAAGGCATTACGTCTGCAGAGTCCAGGAAATCAGCAGGCACAGGAACAAGTGGACG
GCCTGGTCCAATGGCTCCTCAGCCACGGAATGAGAGGAGTCTCCAGCCATCCAGTGGAGAGGGGAGCTT
TTCTTGGGATTTCCCTTGTAACTACTACCTCACTCTTGGCCCTCACCGCAGACTTAACCATGGCCTCCT
CCTGCAGAGTTCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG220654 representing NM_144984
 Red=Cloning site Green=Tags(s)

MRLALAAAALLARAPAPEVCAALNVTVSPGPVVDYLEGENATLLCHVSQKRRKDSLLAVRWFFAHSFDS
QEALMVKMTKLRVYQYGNFSRSKRRLRLLEEQRGALYRLSVLTLQPSDQGHYVCRVQEI SRHRNKWT
AWSNGSSATEMRGVSSHPVERGAFLGISLVILPHSLPFTADLTMASFLQSS

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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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_144984.4](#)

RefSeq Size: 2170 bp

RefSeq ORF: 576 bp

Locus ID: 196740

UniProt ID: [Q8IW00](#)

Cytogenetics: 10q11.23

Protein Families: Transmembrane

Gene Summary: Peptide Lv enhances L-type voltage-gated calcium channel (L-VGCC) currents in retinal photoreceptors.[UniProtKB/Swiss-Prot Function]