

Product datasheet for **RG215794**

PTCRA (NM_138296) Human Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | PTCRA (NM_138296) Human Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | PTCRA |
| Synonyms: | PT-ALPHA; PTA |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| ORF Nucleotide Sequence: | >RG215794 representing NM_138296 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCGGTACATGGCTGCTACTTCTCCTGGCCCTTGGGTGTCCAGCCCTACCCACAGGTGTGGCGGCA
CACCCCTTCTCTGGCCCCACCAATCATGCTGCTGGTGGATGGAAAGCAGCAGATGGTGGTGGTCTG
CCTGGTCTTGATGTTGCACCCCTGGCCTTGACAGCCCATCTGGTTCTCAGCCGGCAATGGCAGTGCA
CTGGATGCCTTACCTATGGCCCTTCCCAGCAACGGATGGCACCTGGACCAACTGGCCCATCTCTCCC
TGCCTTCTGAGGAGCTGGCATCCTGGGAGCCTTGGTCTGCCACACTGGGCTGGGGCTGAGGGTCACAG
CAGGAGTACACAGCCCATGCATCTGTCCAGGAGAGGCTTACAGCCAGGACCTGCCCCAGGAGCCTCTC
AGGGGGACACCGGTGGGGCGCTGTGGCTGGGGTCTGCGGCTGCTGCTCTTAAGCTGCTGCTTTTG
ACCTGCTCCTGACCTGCAGCTGCCTGTGCGACCCCGGGCCCGCTGCCTTCCCCGCAACCACCACCCG
CCTGCGAGCCCTCGGCTCCCATCGACTGCACCCGGCCACGGAGACTGGGGACGAGAGGCCACCAGCTCA
CCCAGACCCAGCCTCGGGACCGCCGCTGGGTGACACCCTCCGGTCCGGAAGCCCGGGAGCCAGTAT
GGGGGAAGGGTCTTACCTCAGCAGTTACCCACTGCCAGCACAGGCTGGTCTCAAGATCTCGCCT
CAGGGCTCCTTCTCCAGTCTTGAGCATTTCGAGGTGACCTGCCTCCTCTCTGCAGGCTGGAGCT
GCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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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_138296.1](#), [NP_612153.1](#)

RefSeq Size: 1080 bp

RefSeq ORF: 846 bp

Locus ID: 171558

UniProt ID: [Q6ISU1](#)

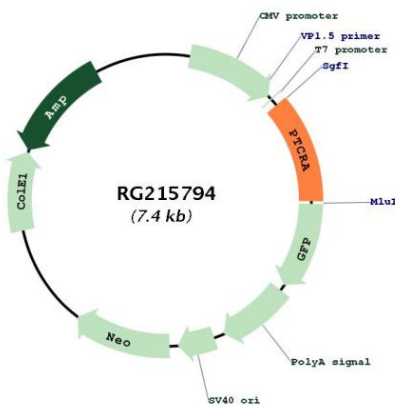
Cytogenetics: 6p21.1

Protein Families: Transmembrane

Protein Pathways: Notch signaling pathway

Gene Summary: The protein encoded by this gene is a single-pass type I membrane protein that is found in immature but not mature T-cells. Along with TCRB and CD3 complex, the encoded protein forms the pre-T-cell receptor complex, which regulates early T-cell development. Four transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jul 2011]

Product images:



Circular map for RG215794