

Product datasheet for **SC331962**

PTCRA (NM_001243168) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: PTCRA (NM_001243168) Human Untagged Clone
Tag: Tag Free
Symbol: PTCRA
Synonyms: PT-ALPHA; PTA
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC331962 representing NM_001243168.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGCCGGTACATGGCTGCTACTTCTCCTGGCCCTTGGGTGCCAGCCCTACCCACAGGTGTGGCGGGC
ACACCCCTTCTCTCTGGCCCCACCAATCATGCTGCTGGTGGATGAAAGCAGCAGATGGTGGTGGTC
TGCCTGGTCTTGTGATGTTGCACCCCTGGCCTTGACAGCCCCATCTGGTTCTCAGCCGGCAATGGCAGT
GCACTGGATGCCTTACCTATGGCCCTTCCCCAGCAACGGATGGCACCTGGACCAACTTGGCCCATCTC
TCCCTGCCTTCTGAGGAGCTGGCATCCTGGGAGCCTTGGTCTGCCACACTGGCCCTGGGGCTGAGGGT
CACAGCAGGAGTACACAGCCCATGCATCTGTGAGGAGAGGCTTCTACAGCCAGGACTGCCCCAGGAG
CCTCTCAGGGGGGGCTGCGGGCTCCTGCGGGCTCCTGAGCGGTTCTCCTCGCAGGGACACCGGGTGGG
GCGCTGTGGCTGGGGTCTGCGGCTGCTCTTCAAGCTGCTGCTGTTGACCTGCTCCTGACCTGC
AGCTGCCTGTGCGACCCCGGGCCCGCTGCCTTCCCCGCAACCACCACCCGCCTGCGAGCCCTCGGC
TCCCATCGACTGCACCCGGCCACGGAGACTGGGGGACGAGAGGCCACCAGCTCACCCAGACCCAGCCT
CGGGACCGCCGCTGGGGTACACCCCTCCGGGTCGGAAGCCCGGGAGCCAGTATGGGGGAAGGGTCT
TACCTCAGCAGTTACCCCACTTGCCCAGCACAGGCCTGGTGCTCAAGATCTGCCCTCAGGGCTCCTTCC
TCCAGTCTTGAGCATTTTTTGCAGGTGACCTGCCTCCTCCTCTGCAGGCTGGAGCTGCCTGA
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Restriction Sites: SgfI-MluI
ACCN: NM_001243168
Insert Size: 891 bp
OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:

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_001243168.1](#)

RefSeq Size: 1142 bp

RefSeq ORF: 891 bp

Locus ID: 171558

UniProt ID: [Q6ISU1](#)

Cytogenetics: 6p21.1

Protein Families: Transmembrane

Protein Pathways: Notch signaling pathway

MW: 30.8 kDa

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]
Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).