

Product datasheet for **SC333441**

PRAC2 (NM_001282275) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PRAC2 (NM_001282275) Human Untagged Clone
Tag:	Tag Free
Symbol:	PRAC2
Synonyms:	C17orf93; HOXB-AS5; HOXB13-AS1; HOXBAS5; NCRNA00253
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC333441 representing NM_001282275. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGACAGAAGGCGGATGGCTCTGCGGCCTGGCTCCCGCAGACCGACCGCTTCTTCTCCATTCGAGA
 TGGCTCGTACCGAACCTCCTTGCCTTCTTCTGGGTCTCTCGGGGCTGGACCAATACATCTGCCGATG
 CCCTGGCCGAATGGCAGGCGACATCGGGTCTGGACCCACACGCAGCTCAGTACCCACGAGGCCCA
 GGCCGCTGGAAGCCTGTAGCTCCGCGGACGATGAAAGCCTGCCGCAGGTTCTCTGGAGTGG**TGA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001282275
Insert Size:	273 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).


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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_001282275.1](#)

RefSeq Size: 584 bp

RefSeq ORF: 273 bp

Locus ID: 360205

UniProt ID: [D3DTV9](#)

Cytogenetics: 17q21.32

MW: 10.4 kDa

Gene Summary: This gene is highly expressed in prostate, rectum, colon, and testis. This gene may produce a non-coding RNA or may encode a short protein that might localize to the nucleus. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]
 Transcript Variant: This variant (2) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at a downstream in-frame start codon, compared to variant 1. The encoded isoform (b) has a shorter N-terminus, compared to isoform a.