

Product datasheet for SC335774

PRSS23 (NM_001293180) Human Untagged Clone

Product data:

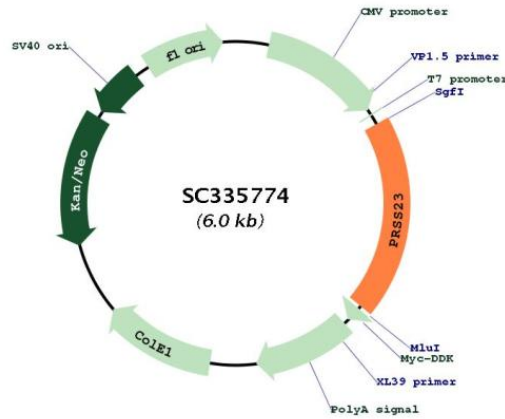
Product Type:	Expression Plasmids
Product Name:	PRSS23 (NM_001293180) Human Untagged Clone
Tag:	Tag Free
Symbol:	PRSS23
Synonyms:	SIG13; SPUVE; ZSIG13
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335774 representing NM_001293180. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCAGGGATTCCAGGGCTCCTCTTCTCTTCTTTCTGCTCTGTGCTGTTGGGCAAGTGAGCCCT
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ATTTGCTATTGGATTAAGGAACTACCTGGATTGTAGGGAGGGGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_001293180

Insert Size: 1152 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_001293180.1](#)

RefSeq Size: 3740 bp

RefSeq ORF: 1152 bp

Locus ID: 11098

UniProt ID: [O95084](#)

Cytogenetics: 11q14.2

Protein Families: Druggable Genome, Protease, Secreted Protein

MW: 43 kDa

Gene Summary:

This gene encodes a conserved member of the trypsin family of serine proteases. Mouse studies found a decrease of mRNA levels of this gene after ovulation was induced. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2014]

Transcript Variant: This variant (4) 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 (c) has a shorter N-terminus than isoform 1. Variants 3 and 4 encode the same isoform (c).