

Product datasheet for SC316912

PSMA4 (NM_001102667) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PSMA4 (NM_001102667) Human Untagged Clone
Tag:	Tag Free
Symbol:	PSMA4
Synonyms:	HC9; HsT17706; PSC9
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_001102667 edited GGTGAGCGGTGGTGGTTTATTCTTCCGCGGAGTTAAGGGGCTCCGTGGACATCTCAGGTC TTCAGGGTCTTCCATCTGGAACATATAAAGTTCAGAAAACATGTCTCGAAGATATGACT CCAGGACCACTATATTTTCTCCAGAAGGTCGCTTATACCAAGTTGAATATGCCATGGAAG CTATTGGACATGCAGGCACCTGTTTGGGAATTTAGCAAATGATGGTGTGTTTCTGTCAG CAGAGAGACGCAACATCCACAAGCTTCTTGATGAAGTCTTTTTTCTGAAAAATTTATA AACTCAATGAGGACATGGCTTGCAGTGTGGCAGGCATAACTTCTGATGCTAATGTTCTGA CTAATGAACTAAGGCTCATTGCTCAAAGGTATTTATTACAGTATCAGGAGCCAATACCTT GTGAGCAGTTGGTTACAGCGCTGTGTGATCAAACAAGCTTATACACAATTTGGAGGAA AACGTCCTTTGGTGTTCATTGCTGTACATTGGCTGGGATAAGCACTATGGCTTTCAGC TCTATCAGAGTGACCCTAGTGAAATTACGGGGATGGAAGGCCACATGCATTGGAATA ATAGCGCTGCAGCTGTGTCAATGTTGAAACAAGACTATAAAGAAGGAGAAATGACCTTGA AGTCAGCACTTGCTTTAGCTATCAAAGTACTAAATAAGACCATGGATGTTAGTAACTCT CTGCTGAAAAAGTGGAAATTGCAACACTAACAAGAGAGAATGGAAAGACAGTAATCAGAG TTCTCAACAAGAAAGTGGAGCAGTTGATCAAAAAACAGGAGGAAGAAGAAGCCAAAG CTGAGCGTGAGAAGAAAGAAAAAGAACAGAAAGAAAAGGATAAATAGAATCAGAGATTTT ATTACTATTTGGGGCACCATTTTCAGTGTAAAAGCAGTCTACTCTTCCACACTAGGAAG GCTTTACTTTTTTAACTGGTGCAGTGGGAAAAATAGGACATTACATACTGAATTTGGTCC TTGTCATTTCTGCAATTGAATACTTTATTGTAAAGATGATGGTTACCTTCATGGAGC TCTTAATCTTCCACACACATCCCCTTTTTTGGAAATAAAATTTGGAAAATGGAATGAAG GAAAAA
Restriction Sites:	Please inquire
ACCN:	NM_001102667
Insert Size:	1200 bp



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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).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to the protein associated with NM_001102667.1.
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:	<ol style="list-style-type: none">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:	<u>NM_001102667.1, NP_001096137.1</u>
RefSeq Size:	1159 bp
RefSeq ORF:	786 bp
Locus ID:	5685
UniProt ID:	<u>P25789</u>
Cytogenetics:	15q25.1
Protein Families:	Druggable Genome, Protease
Protein Pathways:	Proteasome
Gene Summary:	This gene encodes a core alpha subunit of the 20S proteasome, which is a highly ordered ring-shaped structure composed of four rings of 28 non-identical subunits. Proteasomes cleave peptides in an ATP- and ubiquitin-dependent manner. [provided by RefSeq, Aug 2016]