

Product datasheet for **SC209192**

PSMA2 (NM_002787) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: PSMA2 (NM_002787) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: PSMA2
Synonyms: HC3; MU; PMSA2; PSC2
ACCN: NM_002787
Insert Size: 743 bp
Insert Sequence: >SC209192 3'UTR clone of NM_002787
The sequence shown below is from the reference sequence of NM_002787. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTTAAGGATTACTTGGCTGCCATAGCATAAACAATGAAGTACTGAAAAATCCAGAATTTTCAGATAATCT
ATCTACTTAAACATGTTTAAAGTATGTTTTGTTTTGCAGACTTTTTGCATACTTATTTCTACATGGTTT
AAATCGACTGTTTTTAAATGACACTTATAAATCCTAATAAACTGTTAAACCCACCTTCCAGCCTTTTA
GGAGTTGCTAAAATTTTAAACAGTTATTTCTGCTTTTTATCACAGTTGATTTCTGAAGACTACATTGCC
AAGCAGAATGATGAAATGACTTTTTCGTTGTCAGGCAATTTGGTTAAGTCAAATCTTAATGCCCTCTT
CGCTATCAGATGTTGCCTGTGTTCCATAAAGCAAAATGCTGATTTTGGTAAAAAACATGACTGCTTCT
AGAGCTGGGAGGATCTGCAGACTTTACCGGATTCATGGAACAAGAAAAGAAGCATAGGTACTTTTAGGT
GCCATTAGGTATTGATCAGTGAATCCTAGGGTCTCTATGAGATTGACTAGGCCTATGAAGAGTGGT
AAGCCAAATAGGTCTCCATGGGAGATACATTATGTAATAAATAAACAATGGTTTCTGGTTCTCTGTTG
GTGTCTCCACAAGTAGGTAACATGTTTAAAGGAACCCGGTTCTTAGATTTTGTAGACTTTTTAAAC
TCAAGGATGAGCATAAGTGCTTGAATAAAATGCTAATACTTAAGTGCAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: Sgfl-Mlul

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



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Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_002787.5
Summary:	The proteasome is a multicatalytic proteinase complex with a highly ordered ring-shaped 20S core structure. The core structure is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. An essential function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides. This gene encodes a member of the peptidase T1A family, that is a 20S core alpha subunit. [provided by RefSeq, Jul 2008]
Locus ID:	5683
MW:	28