OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC206093

PSMD8 (NM_002812) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PSMD8 (NM_002812) Human 3' UTR Clone
Symbol:	PSMD8
Synonyms:	HEL-S-91n; HIP6; HYPF; Nin1p; p31; Rpn12; S14
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002812
Insert Size:	464 bp
Insert Sequence:	>SC206093 3'UTR clone of NM_002812 The sequence shown below is from the reference sequence of NM_002812. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TATGCCCGGCAGCTGGAGATGATCGTCTGAGCCCCCCGGGCACTGGGTGGGGCAGGGCACGAGTTATTT AAAACAGTTACACTGCAGGGTTTCGCCCAATAAAGGTGGACTGACATTCCCTCTTCCAGGCCCTTGTCT CCCCAGTTGGGACGGCAGAGAGACAAGTTCTTATATCTGAAGAACTTGGAGGTTTTGGGGCATTCAGGA GTTGGAGATAGCCTCCAACTGGGTCAGCCTCTGTCTGGTGGGCATTGCTCAGGGTCTCAAACATGGACG CCCACTGTGGGGCCCCAGCAGCACTGTGGCCTGCAGGAGGGCATGGCCCCAGGTAGGGGGACTGTTCTA GCCAGCTGTGGACACATAGGAATGCTGGACCAGGGTACCAGATTTTTTCAACAAAGGGGGTGAAGTGTC CTACTAAAAAGAATAAATGTTGGCAGTGAATTAAACAATTTTTCAAATGA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
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).
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.

View online »

RefSeq: NM_002812.5

Summary: The 26S proteasome is a multicatalytic proteinase complex with a highly ordered structure composed of 2 complexes, a 20S core and a 19S regulator. The 20S core 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. The 19S regulator is composed of a base, which contains 6 ATPase subunits and 2 non-ATPase subunits, and a lid, which contains up to 10 non-ATPase 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 non-ATPase subunit of the 19S regulator. A pseudogene has been identified on chromosome 1. [provided by RefSeq, Jul 2008]

Locus ID: 5714

MW: 16.7