

Product datasheet for **SC200557**

Proteasome 20S beta 6 (PSMB6) (NM_002798) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Proteasome 20S beta 6 (PSMB6) (NM_002798) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PSMB6
Synonyms:	DELTA; LMPY; Y
ACCN:	NM_002798
Insert Size:	103 bp
Insert Sequence:	>SC200557 3'UTR clone of NM_002798 The sequence shown below is from the reference sequence of NM_002798. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TTCGCCGTTGCCACTTTACCACCCGCC TGA TCCTGGGATTCTAGTATGCAATAAGAGATGCCCTGTAC TGATGCAAAATTTAATAAAGTTTGTACAGAGAA ACGCGT AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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).
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:	<u>NM_002798.3</u>



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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. The encoded protein is a member of the proteasome B-type family, also known as the T1B family, and is a 20S core beta subunit in the proteasome. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jul 2012]

Locus ID:

5694

MW:

3.8