

Product datasheet for **SC206779**

PSMB5 (NM_001144932) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PSMB5 (NM_001144932) Human 3' UTR Clone
Symbol:	PSMB5
Synonyms:	LMPX; MB1; X
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001144932
Insert Size:	528 bp
Insert Sequence:	<p>>SC206779 3'UTR clone of NM_001144932</p> <p>The sequence shown below is from the reference sequence of NM_001144932. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
ATGGCAAGGCCTCTACTACGTGGACAGTGAAGGGAACCGGATTTCAAGGGGCCACCTTCTCTGTAGGTTT
TGGCTCTGTGATGCATATGGGGTCATGGATCGGGGCTATTCTATGACCTGGAAGTGGAGCAGGCCTA
TGATCTGGCCCGTCGAGCCATCTACCAAGCCACCTACAGAGATGCCTACTCAGGAGGTGCAGTCAACCT
CTACCACGTGCGGGAGGATGGCTGGATCCGAGTCTCCAGTGACAATGTGGCTGATCTACATGAGAAGTA
TAGTGGCTCTACCCCTGAAAGAGGGTGGATGCAGCTGCTTGTGTTTCTTGGGGTGAATGTCATTGGTA
ATACGGACACAGTGACCCATCCTCCATCTATTTATAGTGAAGGGCCTCAATTGTATCAGTACTTTT
TTTTAAGCTCTGGCACATTGACCTCTATGTGTACCAGTCATTAATGAGCTGCTGCAGAGGTGACTATT
TGTTTTACTTTCTTGGATGTTAACATTACACTACTCACTACTCAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites:	Sgfl-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).


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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_001144932.3
Summary:	<p>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 proteasome B-type family, also known as the T1B family, that is a 20S core beta subunit in the proteasome. This catalytic subunit is not present in the immunoproteasome and is replaced by catalytic subunit 3i (proteasome beta 8 subunit). Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2009]</p>
Locus ID:	5693
MW:	19.4