

**RPS27 Blocking Peptide (C-Term)**

Synthetic peptide

Catalog # BP22099b

**Specification****RPS27 Blocking Peptide (C-Term) - Product Information**

Primary Accession [P42677](#)  
Other Accession [Q3T0B7](#), [Q71UM5](#),  
[Q6ZWY3](#), [P24051](#),  
[Q2KHT7](#), [Q96564](#),  
[Q6ZWU9](#), [Q7RVN2](#),  
[Q5RBK1](#), [Q71TY3](#),  
[P47904](#)

**RPS27 Blocking Peptide (C-Term) - Additional Information**

Gene ID 6232

**Other Names**40S ribosomal protein S27,  
Metallopan-stimulin 1, MPS-1, RPS27, MPS1**Target/Specificity**

The synthetic peptide sequence is selected from aa 66-76 of HUMAN RPS27

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**RPS27 Blocking Peptide (C-Term) - Protein Information**

Name RPS27

Synonyms MPS1

**RPS27 Blocking Peptide (C-Term) - References**

Fernandez-Pol J.A., et al. J. Biol. Chem. 268:21198-21204(1993).  
Tsui S.K.W., et al. Biochem. Mol. Biol. Int. 40:611-616(1996).  
Yoshihama M., et al. Genome Res. 12:379-390(2002).  
Ota T., et al. Nat. Genet. 36:40-45(2004).  
Gregory S.G., et al. Nature 441:315-321(2006).

**Function**

Component of the small ribosomal subunit (PubMed:<a href="http://www.uniprot.org/citations/8706699" target="\_blank">8706699</a>). Required for proper rRNA processing and maturation of 18S rRNAs (PubMed:<a href="http://www.uniprot.org/citations/25424902" target="\_blank">25424902</a>).

**Tissue Location**

Expressed in a wide variety of actively proliferating cells and tumor tissues

**RPS27 Blocking Peptide (C-Term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)