

RPS17 Blocking Peptide (Center)
Synthetic peptide
Catalog # BP22039c**Specification**

RPS17 Blocking Peptide (Center) - Product Information

Primary Accession [P08708](#)
Other Accession [P0CW22](#), [A5PK63](#), [P63273](#), [P08636](#), [Q7ZUB2](#),
[P63274](#), [P63275](#), [Q90YQ6](#), [P63276](#), [Q6QAP7](#),
[P04644](#), [Q962R2](#)

RPS17 Blocking Peptide (Center) - Additional Information

Gene ID 6218

Other Names

40S ribosomal protein S17, RPS17

Target/Specificity

The synthetic peptide sequence is selected from aa 75-87 of HUMAN RPS17

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.

RPS17 Blocking Peptide (Center) - Protein Information

Name RPS17 ([HGNC:10397](#))

Function

Component of the small ribosomal subunit (PubMed:23636399). The ribosome is a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell (PubMed:23636399). Part of the small subunit (SSU) processome, first precursor of the small eukaryotic ribosomal subunit. During the assembly of the SSU processome in the nucleolus, many ribosome biogenesis factors, an RNA chaperone and ribosomal proteins associate with the nascent pre-rRNA and work in concert to generate RNA folding, modifications, rearrangements and cleavage as well as targeted degradation of pre-ribosomal RNA by the RNA exosome (PubMed:34516797).

Cellular Location

Cytoplasm. Nucleus, nucleolus

RPS17 Blocking Peptide (Center) - Protocols

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

- [Blocking Peptides](#)

RPS17 Blocking Peptide (Center) - Images

RPS17 Blocking Peptide (Center) - References

Chen I.-T.,et al.Proc. Natl. Acad. Sci. U.S.A. 83:6907-6911(1986).

Chen I.-T.,et al.Gene 70:107-116(1988).

Ota T.,et al.Nat. Genet. 36:40-45(2004).

Zody M.C.,et al.Nature 440:671-675(2006).

Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.