

**DENR Blocking Peptide (Center)**  
**Synthetic peptide**  
**Catalog # BP20311c****Specification**

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**DENR Blocking Peptide (Center) - Product Information**

Primary Accession [O43583](#)  
Other Accession [O9CQJ6](#), [Q2HJ47](#)

**DENR Blocking Peptide (Center) - Additional Information**

**Gene ID** 8562

**Other Names**

Density-regulated protein, DRP, Protein DRP1, Smooth muscle cell-associated protein 3, SMAP-3, DENR, DRP1

**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.

**DENR Blocking Peptide (Center) - Protein Information**

**Name** DENR

**Synonyms** DRP1

**Function**

May be involved in the translation of target mRNAs by scanning and recognition of the initiation codon. Involved in translation initiation; promotes recruitment of aminoacylated initiator tRNA to P site of 40S ribosomes. Can promote release of deacylated tRNA and mRNA from recycled 40S subunits following ABCE1-mediated dissociation of post-termination ribosomal complexes into subunits. Plays a role in the modulation of the translational profile of a subset of cancer-related mRNAs when recruited to the translational initiation complex by the oncogene MCTS1.

**Tissue Location**

Highly expressed in heart and skeletal muscle and moderately expressed in the brain, placenta, liver and pancreas. Weakly expressed in the lung and kidney.

**DENR Blocking Peptide (Center) - Protocols**

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

- [Blocking Peptides](#)

**DENR Blocking Peptide (Center) - Images**

**DENR Blocking Peptide (Center) - Background**

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