

**EIF4G2 Blocking Peptide (N-term)**

Synthetic peptide

Catalog # BP20594a

**Specification**

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**EIF4G2 Blocking Peptide (N-term) - Product Information**

Primary Accession

[P78344](#)

Other Accession

[P79398](#), [Q62448](#), [Q95L46](#)**EIF4G2 Blocking Peptide (N-term) - Additional Information****Gene ID** 1982**Other Names**

Eukaryotic translation initiation factor 4 gamma 2, eIF-4-gamma 2, eIF-4G 2, eIF4G 2, Death-associated protein 5, DAP-5, p97, EIF4G2 (<a href="http://www.genenames.org/cgi-bin/gene\_symbol\_report?hgnc\_id=3297" target="\_blank">HGNC:3297</a>)

**Target/Specificity**

The synthetic peptide sequence is selected from aa 30-44 of HUMAN EIF4G2 (<a href="http://www.genenames.org/cgi-bin/gene\_symbol\_report?hgnc\_id=3297" target="\_blank">HGNC:3297</a>)

**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.

**EIF4G2 Blocking Peptide (N-term) - Protein Information****Name** EIF4G2 ([HGNC:3297](#))**Function**

Appears to play a role in the switch from cap-dependent to IRES-mediated translation during mitosis, apoptosis and viral infection. Cleaved by some caspases and viral proteases.

**Tissue Location**

Ubiquitously expressed in all adult tissues examined, with high levels in skeletal muscle and heart. Also expressed in fetal brain, lung, liver and kidney.

## **EIF4G2 Blocking Peptide (N-term) - Protocols**

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

- [Blocking Peptides](#)

## **EIF4G2 Blocking Peptide (N-term) - Images**

## **EIF4G2 Blocking Peptide (N-term) - Background**

Appears to play a role in the switch from cap-dependent to IRES-mediated translation during mitosis, apoptosis and viral infection. Cleaved by some caspases and viral proteases.

## **EIF4G2 Blocking Peptide (N-term) - References**

Imataka H., et al. EMBO J. 16:817-825(1997).  
Yamanaka S., et al. Genes Dev. 11:321-333(1997).  
Levy-Strumpf N., et al. Mol. Cell. Biol. 17:1615-1625(1997).  
Totoki Y., et al. Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.  
Taylor T.D., et al. Nature 440:497-500(2006).