

**ENY2 Blocking Peptide (N-term)**  
**Synthetic peptide**  
**Catalog # BP5379a****Specification**

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**ENY2 Blocking Peptide (N-term) - Product Information**

Primary Accession [O9NPA8](#)  
Other Accession [O3KPT5](#), [O9JIX0](#), [O3ZBJ0](#), [NP\\_064574.1](#)

**ENY2 Blocking Peptide (N-term) - Additional Information**

**Gene ID** 56943

**Other Names**

Transcription and mRNA export factor ENY2 {ECO:0000255|HAMAP-Rule:MF\_03046}, Enhancer of yellow 2 transcription factor homolog {ECO:0000255|HAMAP-Rule:MF\_03046}, ENY2 {ECO:0000255|HAMAP-Rule:MF\_03046}

**Target/Specificity**

The synthetic peptide sequence is selected from aa 17-31 of HUMAN ENY2

**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.

**ENY2 Blocking Peptide (N-term) - Protein Information**

**Name** ENY2 {ECO:0000255|HAMAP-Rule:MF\_03046}

**Function**

Involved in mRNA export coupled transcription activation by association with both the TREX-2 and the SAGA complexes. The transcription regulatory histone acetylation (HAT) complex SAGA is a multiprotein complex that activates transcription by remodeling chromatin and mediating histone acetylation and deubiquitination. Within the SAGA complex, participates in a subcomplex that specifically deubiquitinates both histones H2A and H2B. The SAGA complex is recruited to specific gene promoters by activators such as MYC, where it is required for transcription. Required for nuclear receptor- mediated transactivation (PubMed:<a href="http://www.uniprot.org/citations/18206972" target="\_blank">18206972</a>, PubMed:<a href="http://www.uniprot.org/citations/21746879" target="\_blank">21746879</a>). As a component of the TREX-2 complex, involved in the export of mRNAs to the cytoplasm through the nuclear pores (PubMed:<a href="http://www.uniprot.org/citations/23591820" target="\_blank">23591820</a>).

**Cellular Location**

Nucleus, nucleoplasm {ECO:0000255|HAMAP- Rule:MF\_03046, ECO:0000269|PubMed:22307388}.  
Note=Localization at the nuclear pore complex requires NUP153 and TPR

**ENY2 Blocking Peptide (N-term) - Protocols**

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

- [Blocking Peptides](#)

**ENY2 Blocking Peptide (N-term) - Images****ENY2 Blocking Peptide (N-term) - References**

Zhao, Y., et al. Mol. Cell 29(1):92-101(2008)

Georgieva, S., et al. Mol. Cell. Biol. 21(15):5223-5231(2001)