

**MEAF6 Blocking Peptide (C-Term)**

Synthetic peptide

Catalog # BP21990b

**Specification**

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**MEAF6 Blocking Peptide (C-Term) - Product Information**

Primary Accession

[O9HAF1](#)

Other Accession

[Q58CU0](#), [Q2VPQ9](#)**MEAF6 Blocking Peptide (C-Term) - Additional Information**

Gene ID 64769

**Other Names**

Chromatin modification-related protein MEAF6, MYST/Esa1-associated factor 6, Esa1-associated factor 6 homolog, Protein EAF6 homolog, hEAF6, Sarcoma antigen NY-SAR-91, MEAF6, C1orf149, EAF6

**Target/Specificity**

The synthetic peptide sequence is selected from aa 140-154 of HUMAN MEAF6

**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.

**MEAF6 Blocking Peptide (C-Term) - Protein Information**Name MEAF6 ([HGNC:25674](#))

Synonyms C1orf149, CENP-28, EAF6

**Function**

Component of the NuA4 histone acetyltransferase complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histone H4 and H2A (PubMed:<a href="http://www.uniprot.org/citations/14966270" target="\_blank">14966270</a>). This modification may both alter nucleosome - DNA interactions and promote interaction of the modified histones with other proteins which positively regulate transcription (PubMed:<a href="http://www.uniprot.org/citations/14966270" target="\_blank">14966270</a>). Component of HBO1 complexes, which specifically mediate acetylation of histone H3 at 'Lys-14' (H3K14ac), and have reduced activity toward histone H4 (PubMed:<a href="http://www.uniprot.org/citations/16387653" target="\_blank">16387653</a>, PubMed:<a href="http://www.uniprot.org/citations/24065767" target="\_blank">24065767</a>). Component

of the MOZ/MORF complex which has a histone H3 acetyltransferase activity (PubMed:<a href="http://www.uniprot.org/citations/18794358" target="\_blank">18794358</a>).

**Cellular Location**

Nucleus, nucleolus. Chromosome, centromere, kinetochore

**MEAF6 Blocking Peptide (C-Term) - Protocols**

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

- [Blocking Peptides](#)

**MEAF6 Blocking Peptide (C-Term) - Images****MEAF6 Blocking Peptide (C-Term) - Background**

Component of the NuA4 histone acetyltransferase complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histone H4 and H2A. This modification may both alter nucleosome - DNA interactions and promote interaction of the modified histones with other proteins which positively regulate transcription. Component of the HBO1 complex which has a histone H4-specific acetyltransferase activity, a reduced activity toward histone H3 and is responsible for the bulk of histone H4 acetylation in vivo. Component of the MOZ/MORF complex which has a histone H3 acetyltransferase activity.

**MEAF6 Blocking Peptide (C-Term) - References**

Bechtel S.,et al.BMC Genomics 8:399-399(2007).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Lin L.,et al.Submitted (JUN-2005) to the EMBL/GenBank/DDBJ databases.  
Gregory S.G.,et al.Nature 441:315-321(2006).  
Lee S.-Y.,et al.Proc. Natl. Acad. Sci. U.S.A. 100:2651-2656(2003).