

EOMES Blocking Peptide(N-term)

Synthetic peptide

Catalog # BP19703a

Specification

EOMES Blocking Peptide(N-term) - Product Information

Primary Accession

[O95936](#)

Other Accession

[NP_005433.2](#)**EOMES Blocking Peptide(N-term) - Additional Information****Gene ID** 8320**Other Names**

Eomesodermin homolog, T-box brain protein 2, T-brain-2, TBR-2, EOMES, TBR2

Target/Specificity

The synthetic peptide sequence is selected from aa 43-57 of HUMAN EOMES

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.

EOMES Blocking Peptide(N-term) - Protein Information**Name** EOMES**Synonyms** TBR2**Function**

Functions as a transcriptional activator playing a crucial role during development. Functions in trophoblast differentiation and later in gastrulation, regulating both mesoderm delamination and endoderm specification. Plays a role in brain development being required for the specification and the proliferation of the intermediate progenitor cells and their progeny in the cerebral cortex. Also involved in the differentiation of CD8+ T-cells during immune response regulating the expression of lytic effector genes.

Cellular Location

Nucleus.

Tissue Location

Expressed in CD8+ T-cells.

EOMES Blocking Peptide(N-term) - Protocols

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

- [Blocking Peptides](#)

EOMES Blocking Peptide(N-term) - Images

EOMES Blocking Peptide(N-term) - Background

This gene encodes a member of a conserved protein family that shares a common DNA-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. A similiar gene disrupted in mice is shown to be essential during trophoblast development and gastrulation.

EOMES Blocking Peptide(N-term) - References

Wang, H.T., et al. Xi Bao Yu Fen Zi Mian Yi Xue Za Zhi 26(1):31-34(2010)
Narayanan, S., et al. PLoS ONE 5 (5), E10636 (2010) :
D'Cruz, L.M., et al. Semin. Immunol. 21(2):92-98(2009)
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