

HES7 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP9712a**Specification**

HES7 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [Q9BYE0](#)

HES7 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 84667

Other Names

Transcription factor HES-7, hHes7, Class B basic helix-loop-helix protein 37, bHLHb37, Hairy and enhancer of split 7, bHLH factor Hes7, HES7, BHLHB37

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.

HES7 Antibody (N-term) Blocking Peptide - Protein Information

Name HES7

Synonyms BHLHB37

Function

Transcriptional repressor. Represses transcription from both N box- and E box-containing promoters. May with HES1, cooperatively regulate somite formation in the presomitic mesoderm (PSM). May function as a segmentation clock, which is essential for coordinated somite segmentation (By similarity).

Cellular Location

Nucleus.

HES7 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

HES7 Antibody (N-term) Blocking Peptide - Images**HES7 Antibody (N-term) Blocking Peptide - Background**

HES7 is a member of the hairy and enhancer of split family of bHLH transcription factors. The protein functions as a transcriptional repressor, and is implicated in correct patterning of the axial skeleton.

HES7 Antibody (N-term) Blocking Peptide - References

Sparrow, D.B., et al. Hum. Mol. Genet. 17(23):3761-3766(2008)Olsen, J.V., et al. Cell 127(3):635-648(2006)Olsen, J.V., et al. Cell 127(3):635-648(2006)