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BATF3 Blocking Peptide (Center)

Synthetic peptide
Catalog # BP21804c

Specification

BATF3 Blocking Peptide (Center) - Product Information

Primary Accession Q9NR55

BATF3 Blocking Peptide (Center) - Additional Information

Gene ID 55509

Other Names
Basic leucine zipper transcriptional factor ATF-like 3, B-ATF-3, 21 kDa small nuclear factor isolated from T-cells, Jun dimerization protein p21SNFT, BATF3, SNFT

Target/Specificity
The synthetic peptide sequence is selected from aa 78-89 of HUMAN BATF3

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.

BATF3 Blocking Peptide (Center) - Protein Information

Name BATF3

Synonyms SNFT

Function
AP-1 family transcription factor that controls the differentiation of CD8(+) thymic conventional dendritic cells in the immune system. Required for development of CD8-alpha(+) classical dendritic cells (cDCs) and related CD103(+) dendritic cells that cross- present antigens to CD8 T-cells and produce interleukin-12 (IL12) in response to pathogens (By similarity). Acts via the formation of a heterodimer with JUN family proteins that recognizes and binds DNA sequence 5'-TGA[CG]TCA-3' and regulates expression of target genes.

Cellular Location
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00978, ECO:0000269|PubMed:12087103}

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BATF3 Blocking Peptide (Center) - Protocols

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

- Blocking Peptides

BATF3 Blocking Peptide (Center) - Images

BATF3 Blocking Peptide (Center) - Background

AP-1 family transcription factor that controls the differentiation of CD8(+) thymic conventional dendritic cells in the immune system. Required for development of CD8-alpha(+) classical dendritic cells (cDCs) and related CD103(+) dendritic cells that cross-present antigens to CD8 T-cells and produce interleukin-12 (IL12) in response to pathogens (By similarity). Acts via the formation of a heterodimer with JUN family proteins that recognizes and binds DNA sequence 5'-TGA[CG]TCA-3' and regulates expression of target genes.

BATF3 Blocking Peptide (Center) - References

Iacobelli M.,et al.J. Immunol. 165:860-868(2000).
Gregory S.G.,et al.Nature 441:315-321(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Bower K.E.,et al.J. Biol. Chem. 277:34967-34977(2002).
Bower K.E.,et al.Oncogene 23:8805-8814(2004).