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JUN Blocking Peptide (C-term)

Synthetic peptide
Catalog # BP1984i

Specification

JUN Blocking Peptide (C-term) - Product Information

Primary Accession	P05412
Other Accession	P17325, P56432, P05627, P18870, O77627

JUN Blocking Peptide (C-term) - Additional Information

Gene ID 3725

Other Names
Transcription factor AP-1, Activator protein 1, AP1, Proto-oncogene c-Jun, V-jun avian sarcoma virus 17 oncogene homolog, p39, JUN

Target/Specificity
The synthetic peptide sequence is selected from aa 237-251 of HUMAN JUN

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.

JUN Blocking Peptide (C-term) - Protein Information

Name JUN

Function
Transcription factor that recognizes and

JUN Blocking Peptide (C-term) - Background

JUN is the putative transforming gene of avian sarcoma virus 17. JUN is a protein which is highly similar to the viral protein, and which interacts directly with specific target DNA sequences to regulate gene expression. This gene is intronless and is mapped to 1p32-p31, a chromosomal region involved in both translocations and deletions in human malignancies.

JUN Blocking Peptide (C-term) - References

Song, J.Y., et al. J. Biol. Chem. 285(12):9067-9076(2010)
Jiao, X., et al. J. Biol. Chem. 285(11):8218-8226(2010)
Carrillo, R.J., et al. J. Mol. Biol. 396(2):431-440(2010)
Maritzen, T., et al. J. Biol. Chem. 285(6):4074-4086(2010)

binds to the enhancer heptamer motif 5'-TGA[CG]TCA-3' (PubMed:10995748, PubMed:22083952). Promotes activity of NR5A1 when phosphorylated by HIPK3 leading to increased steroidogenic gene expression upon cAMP signaling pathway stimulation (PubMed:17210646). Involved in activated KRAS-mediated transcriptional activation of USP28 in colorectal cancer (CRC) cells (PubMed:24623306). Binds to the USP28 promoter in colorectal cancer (CRC) cells (PubMed:24623306).

Cellular Location
Nucleus.

Tissue Location
Expressed in the developing and adult prostate and prostate cancer cells.

JUN Blocking Peptide (C-term) - Protocols

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

- Blocking Peptides