10320 Camino Santa Fe, Suite G
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NCOA2 Blocking Peptide (Center)

Synthetic peptide

Catalog # BP21855c

Specification

NCOA2 Blocking Peptide (Center) - Product Information

Primary Accession	Q15596
Other Accession	O9W705, B5DE09

NCOA2 Blocking Peptide (Center) - Additional Information

Gene ID 10499

Other Names
Nuclear receptor coactivator 2, NCoA-2, Class E basic helix-loop-helix protein 75, bHLHe75, Transcriptional intermediary factor 2, hTIF2, NCOA2, BHLHE75, SRC2, TIF2

Target/Specificity
The synthetic peptide sequence is selected from aa 726-739 of HUMAN NCOA2

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.

NCOA2 Blocking Peptide (Center) - Protein Information

Name NCOA2

Synonyms BHLHE75, SRC2, TIF2

Function

NCOA2 Blocking Peptide (Center) - Background

Transcriptional coactivator for steroid receptors and nuclear receptors. Coactivator of the steroid binding domain (AF- 2) but not of the modulating N-terminal domain (AF-1). Required with NCOA1 to control energy balance between white and brown adipose tissues. Critical regulator of glucose metabolism regulation, acts as RORA coactivator to specifically modulate G6PC expression. Involved in the positive regulation of the transcriptional activity of the glucocorticoid receptor NR3C1 by sumoylation enhancer RWDD3. Positively regulates the circadian clock by acting as a transcriptional coactivator for the CLOCK- ARNTL/BMAL1 heterodimer (By similarity).

NCOA2 Blocking Peptide (Center) - References

Voegel J.J.,et al.EMBO J. 15:3667-3675(1996).
Carapeti M.,et al.Blood 91:3127-3133(1998).
Voegel J.J.,et al.EMBO J. 17:507-519(1998).
Fryer C.J.,et al.Nature 393:88-91(1998).
Atkins G.B.,et al.Mol. Endocrinol. 13:1550-1557(1999).

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Cellular Location
Nucleus.

NCOA2 Blocking Peptide (Center) - Protocols

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

- Blocking Peptides