

NCOA2 Blocking Peptide (C-term)
Synthetic peptide
Catalog # BP20987c**Specification**

NCOA2 Blocking Peptide (C-term) - Product InformationPrimary Accession [Q15596](#)**NCOA2 Blocking Peptide (C-term) - 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 1169-1183 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 (C-term) - Protein Information**Name** NCOA2**Synonyms** BHLHE75, SRC2, TIF2 {ECO:0000303|PubMed:**Function**

Transcriptional coactivator for steroid receptors and nuclear receptors (PubMed:8670870, PubMed:23508108, PubMed:9430642). Coactivator of the steroid binding domain (AF-2) but not of the modulating N-terminal domain (AF-1) (PubMed:8670870, PubMed:23508108, PubMed:9430642). Required with NCOA1 to control energy balance between white and brown adipose tissues (PubMed:8670870, PubMed:23508108, PubMed:9430642). Critical

regulator of glucose metabolism regulation, acts as a RORA coactivator to specifically modulate G6PC1 expression (PubMed:8670870, PubMed:23508108, PubMed:9430642). Involved in the positive regulation of the transcriptional activity of the glucocorticoid receptor NR3C1 by sumoylation enhancer RWDD3 (PubMed:23508108). Positively regulates the circadian clock by acting as a transcriptional coactivator for the CLOCK-BMAL1 heterodimer (By similarity).

Cellular Location

Nucleus.

NCOA2 Blocking Peptide (C-term) - Protocols

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

- [Blocking Peptides](#)

NCOA2 Blocking Peptide (C-term) - Images**NCOA2 Blocking Peptide (C-term) - 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.

NCOA2 Blocking Peptide (C-term) - 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).
Carrero P.,et al.Mol. Cell. Biol. 20:402-415(2000).