10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

NAA40 Blocking Peptide (C-Term)

Synthetic peptide
Catalog # BP22107b

Specification

NAA40 Blocking Peptide (C-Term) - Product Information

Primary Accession	Q86UY6
Other Accession	Q8VE10

NAA40 Blocking Peptide (C-Term) - Additional Information

Gene ID 79829

Other Names
N-alpha-acetyltransferase 40, 2.3.1.-, N-acetyltransferase 11, NatD catalytic subunit, NAA40, NAT11

Target/Specificity
The synthetic peptide sequence is selected from aa 199-222 of HUMAN NAA40

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.

NAA40 Blocking Peptide (C-Term) - Protein Information

Name NAA40 {ECO:0000303|PubMed:19660095, ECO:0000312|HGNC:HGNC:25845}

Function
N-alpha-acetyltransferase that specifically mediates the acetylation of the N-terminal residues of histones H4 and H2A (PubMed:21935442, PubMed:25619998). In contrast to other N-alpha- acetyltransferase, has a very specific selectivity for histones H4 and H2A N-terminus and specifically recognizes the 'Ser-Gly-Arg-Gly sequence' (PubMed:21935442, PubMed:25619998). Acts as a negative regulator of apoptosis (PubMed:26666750). May play a role in hepatic lipid metabolism (By similarity).

Cellular Location
Cytoplasm. Nucleus

Tissue Location
Widely expressed; with the highest expression level in liver and the lowest expression in brain (at protein level)

NAA40 Blocking Peptide (C-Term) - Protocols

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

- Blocking Peptides

NAA40 Blocking Peptide (C-Term) - Images

NAA40 Blocking Peptide (C-Term) - Background

Responsible for the acetylation of the N-terminal residues of histones H4 and H2A.

NAA40 Blocking Peptide (C-Term) - References

Ota T.,et al.Nat. Genet. 36:40-45(2004).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Taylor T.D.,et al.Nature 440:497-500(2006).
Polevoda B.,et al.BMC Proc. 3:S2-S2(2009).
Hole K.,et al.PLoS ONE 6:E24713-E24713(2011).