

NACA2 Blocking Peptide (N-Term)
Synthetic peptide
Catalog # BP21718a**Specification**

NACA2 Blocking Peptide (N-Term) - Product InformationPrimary Accession [Q9H009](#)**NACA2 Blocking Peptide (N-Term) - Additional Information****Gene ID** 342538**Other Names**

Nascent polypeptide-associated complex subunit alpha-2, Alpha-NAC-like, Hom s 201, Nascent polypeptide-associated complex subunit alpha-like, NAC-alpha-like, NACA2, NACAL

Target/Specificity

The synthetic peptide sequence is selected from aa 56-69 of HUMAN NACA2

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.

NACA2 Blocking Peptide (N-Term) - Protein Information**Name** NACA2**Synonyms** NACAL**Function**

Prevents inappropriate targeting of non-secretory polypeptides to the endoplasmic reticulum (ER). Binds to nascent polypeptide chains as they emerge from the ribosome and blocks their interaction with the signal recognition particle (SRP), which normally targets nascent secretory peptides to the ER. Also reduces the inherent affinity of ribosomes for protein translocation sites in the ER membrane (M sites) (By similarity).

Cellular Location

Cytoplasm. Nucleus.

Tissue Location

Expressed specifically in testis and skeletal muscle.

NACA2 Blocking Peptide (N-Term) - Protocols

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

- [Blocking Peptides](#)

NACA2 Blocking Peptide (N-Term) - Images

NACA2 Blocking Peptide (N-Term) - Background

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NACA2 Blocking Peptide (N-Term) - References

Mossabeb R.,et al.J. Invest. Dermatol. 119:820-829(2002).
Marques A.C.,et al.PLoS Biol. 3:E357-E357(2005).
Mayya V.,et al.Sci. Signal. 2:RA46-RA46(2009).