

C1orf106 Blocking Peptide (Center)
Synthetic peptide
Catalog # BP20119c**Specification**

C1orf106 Blocking Peptide (Center) - Product Information

Primary Accession [O3KP66](#)
Other Accession [O7TN12](#), [NP_060735.2](#)

C1orf106 Blocking Peptide (Center) - Additional Information

Gene ID 55765

Other Names

Uncharacterized protein C1orf106, C1orf106

Target/Specificity

The synthetic peptide sequence is selected from aa 328-341 of HUMAN C1orf106

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.

C1orf106 Blocking Peptide (Center) - Protein Information

Name INAVA ([HGNC:25599](#))

Synonyms C1orf106

Function

Expressed in peripheral macrophages and intestinal myeloid- derived cells, is required for optimal PRR (pattern recognition receptor)-induced signaling, cytokine secretion, and bacterial clearance. Upon stimulation of a broad range of PRRs (pattern recognition receptor) such as NOD2 or TLR2, TLR3, TLR4, TLR5, TLR7 and TLR9, associates with YWHAQ/14-3-3T, which in turn leads to the recruitment and activation of MAP kinases and NF-kappa-B signaling complexes that amplifies PRR-induced downstream signals and cytokine secretion (PubMed:28436939). In the intestine, regulates adherens junction stability by regulating the degradation of CYTH1 and CYTH2, probably acting as substrate cofactor for SCF E3 ubiquitin-protein ligase complexes. Stabilizes adherens junctions by limiting CYTH1- dependent ARF6 activation (PubMed:29420262).

Cellular Location

Nucleus. Cytoplasm. Note=Translocates to the nucleus upon NOD2 stimulation.

Tissue Location

Highly expressed in intestinal myeloid-derived cells and expressed in monocyte-derived macrophages upon induction by PRR activation.

C1orf106 Blocking Peptide (Center) - Protocols

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

- [Blocking Peptides](#)

C1orf106 Blocking Peptide (Center) - Images**C1orf106 Blocking Peptide (Center) - Background**

The function of this protein is unknown.

C1orf106 Blocking Peptide (Center) - References

Barrett, J.C., et al. Nat. Genet. 41(12):1330-1334(2009)