

C19orf10 Blocking Peptide (C-term)
Synthetic peptide
Catalog # BP20131b**Specification**

C19orf10 Blocking Peptide (C-term) - Product Information

Primary Accession [O969H8](#)
Other Accession [NP_061980.1](#)

C19orf10 Blocking Peptide (C-term) - Additional Information

Gene ID 56005

Other Names

UPF0556 protein C19orf10, Interleukin-25, IL-25, Stromal cell-derived growth factor SF20, C19orf10, IL25

Target/Specificity

The synthetic peptide sequence is selected from aa 127-141 of HUMAN C19orf10

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.

C19orf10 Blocking Peptide (C-term) - Protein Information

Name MYDGF ([HGNC:16948](#))

Function

Bone marrow-derived monocyte and paracrine-acting protein that promotes cardiac myocyte survival and adaptive angiogenesis for cardiac protection and/or repair after myocardial infarction (MI). Stimulates endothelial cell proliferation through a MAPK1/3-, STAT3- and CCND1-mediated signaling pathway. Inhibits cardiac myocyte apoptosis in a PI3K/AKT-dependent signaling pathway (By similarity). Involved in endothelial cell proliferation and angiogenesis (PubMed:25581518).

Cellular Location

Secreted. Endoplasmic reticulum-Golgi intermediate compartment. Endoplasmic reticulum. Golgi apparatus. Note=The C-terminal RTEL motif may provide retention in the endoplasmic reticulum

Tissue Location

Expressed in eosinophils (at protein level) (PubMed:29954947). Expressed in bone marrow cells

(PubMed:25581518) Expressed in synovial tissue. Found in synovial fluid of patients with arthropaties (PubMed:17362502).

C19orf10 Blocking Peptide (C-term) - Protocols

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

- [Blocking Peptides](#)

C19orf10 Blocking Peptide (C-term) - Images

C19orf10 Blocking Peptide (C-term) - Background

The protein encoded by this gene was previously thought to support proliferation of lymphoid cells and was considered an interleukin. However, this activity has not been reproducible and the function of this protein is currently unknown. [provided by RefSeq].

C19orf10 Blocking Peptide (C-term) - References

Weiler, T., et al. Arthritis Res. Ther. 9 (2), R30 (2007) :
Lim, J., et al. Cell 125(4):801-814(2006)
Grimwood, J., et al. Nature 428(6982):529-535(2004)
Buning, C., et al. Eur. J. Immunogenet. 30(5):329-333(2003)
Hurst, S.D., et al. J. Immunol. 169(1):443-453(2002)