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C14orf1 (C-term) Blocking peptide
Synthetic peptide
Catalog # BP19425b

Specification

C14orf1 (C-term) Blocking peptide - Product Information

Primary Accession Q9UKR5

C14orf1 (C-term) Blocking peptide - Additional Information

Gene ID 11161

Other Names
Probable ergosterol biosynthetic protein 28, C14orf1

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.

C14orf1 (C-term) Blocking peptide - Protein Information

Name ERG28 (HGNC:1187)

Cellular Location
Endoplasmic reticulum membrane; Multi-pass membrane protein

Tissue Location
Ubiquitous; strongly expressed in testis and some cancer cell lines

C14orf1 (C-term) Blocking peptide - Protocols

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

- Blocking Peptides

C14orf1 (C-term) Blocking peptide - Images

C14orf1 (C-term) Blocking peptide - Background

ERG28 (Probable ergosterol biosynthetic protein 28) has a role as a scaffold to help anchor ERG25, ERG26 and ERG27 to the endoplasmic reticulum. ERG28 may also be responsible for facilitating

their interaction. The ERG28 encoded protein, Erg28p, interacts with both the sterol C4 demethylation enzyme complex as well as the late biosynthetic protein, the C24 sterol methyltransferase (Erg6p). ERG28 acts as a scaffold to tether ERG27 and other 4,4 demethylation related enzymes, forming a demethylation enzyme complex, in the endoplasmic reticulum. ERG28 interacts with ERG25, ERG26 and ERG27. It also interacts with ERG1, ERG3, ERG5, ERG6 and ERG11.

C14orf1 (C-term) Blocking peptide - References

Stelzl, U., et al. Cell 122(6):957-968(2005)Schirmer, E.C., et al. Science 301(5638):1380-1382(2003)Heilig, R., et al. Nature 421(6923):601-607(2003)Veitia, R.A., et al. J. Genet. 80(1):17-21(2001)Gachotte, D., et al. J. Lipid Res. 42(1):150-154(2001)