

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

C14orf1 (C-term) Blocking peptide - Product InformationPrimary 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)