

HERC4 Blocking Peptide (Center)
Synthetic peptide
Catalog # BP21313c**Specification**

HERC4 Blocking Peptide (Center) - Product InformationPrimary Accession [Q5GLZ8](#)**HERC4 Blocking Peptide (Center) - Additional Information****Gene ID** 26091**Other Names**

Probable E3 ubiquitin-protein ligase HERC4, 632-, HECT domain and RCC1-like domain-containing protein 4, HERC4, KIAA1593

Target/Specificity

The synthetic peptide sequence is selected from aa 445-459 of HUMAN HERC4

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.

HERC4 Blocking Peptide (Center) - Protein Information**Name** HERC4**Synonyms** KIAA1593**Function**

Probable E3 ubiquitin-protein ligase involved in either protein trafficking or in the distribution of cellular structures. Required for spermatozoon maturation and fertility, and for the removal of the cytoplasmic droplet of the spermatozoon. E3 ubiquitin-protein ligases accept ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfer it to targeted substrates.

Cellular Location

Cytoplasm, cytosol. Note=shows a punctate cytoplasmic distribution

Tissue Location

Expressed in brain and testis and detected in heart and placenta.

HERC4 Blocking Peptide (Center) - Protocols

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

- [Blocking Peptides](#)

HERC4 Blocking Peptide (Center) - Images

HERC4 Blocking Peptide (Center) - Background

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HERC4 Blocking Peptide (Center) - References

Hochrainer K.,et al.Genomics 85:153-164(2005).
Nagase T.,et al.DNA Res. 7:273-281(2000).
Deloukas P.,et al.Nature 429:375-381(2004).
Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).