

ESCO1 Blocking Peptide (C-term)

Synthetic peptide

Catalog # BP20370b

Specification

ESCO1 Blocking Peptide (C-term) - Product Information

Primary Accession

[Q5FWF5](#)

Other Accession

[Q69Z69](#)**ESCO1 Blocking Peptide (C-term) - Additional Information****Gene ID** 114799**Other Names**

N-acetyltransferase ESCO1, 231-, CTF7 homolog 1, Establishment factor-like protein 1, EFO1p, hEFO1, Establishment of cohesion 1 homolog 1, ECO1 homolog 1, ESO1 homolog 1, ESCO1, EFO1, KIAA1911

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.

ESCO1 Blocking Peptide (C-term) - Protein Information**Name** ESCO1**Synonyms** EFO1, KIAA1911**Function**

Acetyltransferase required for the establishment of sister chromatid cohesion (PubMed:15958495, PubMed:18614053). Couples the processes of cohesion and DNA replication to ensure that only sister chromatids become paired together. In contrast to the structural cohesins, the deposition and establishment factors are required only during S phase. Acts by mediating the acetylation of cohesin component SMC3 (PubMed:18614053).

Cellular Location

Nucleus. Chromosome Note=Nuclear at interphase, associated with chromosomes during mitosis

Tissue Location

Widely expressed. Expressed in heart, brain, liver, placenta, lung, kidney and pancreas. Highly

expressed in muscle

ESCO1 Blocking Peptide (C-term) - Protocols

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

- [Blocking Peptides](#)

ESCO1 Blocking Peptide (C-term) - Images

ESCO1 Blocking Peptide (C-term) - Background

Acetyltransferase required for the establishment of sister chromatid cohesion and couple the processes of cohesion and DNA replication to ensure that only sister chromatids become paired together. In contrast to the structural cohesins, the deposition and establishment factors are required only during S phase. Acts by mediating the acetylation of cohesin component SMC3.