

TEX101 Blocking Peptide (C-term)
Synthetic peptide
Catalog # BP20841c**Specification**

TEX101 Blocking Peptide (C-term) - Product InformationPrimary Accession [Q9BY14](#)**TEX101 Blocking Peptide (C-term) - Additional Information****Gene ID** 83639**Other Names**

Testis-expressed sequence 101 protein, Cell surface receptor NYD-SP8, Scleroderma-associated autoantigen, Spermatogenesis-related gene protein, TEX101, SGRG

Target/Specificity

The synthetic peptide sequence is selected from aa 214-226 of HUMAN TEX101

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.

TEX101 Blocking Peptide (C-term) - Protein Information**Name** TEX101 ([HGNC:30722](#))**Synonyms** SGRG**Function**

Plays a role in fertilization by controlling binding of sperm to zona pellucida and migration of spermatozoa into the oviduct (By similarity). May play a role in signal transduction and promote protein tyrosine phosphorylation (By similarity).

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:Q9JMI7}; Lipid-anchor, GPI-anchor {ECO:0000250|UniProtKB:Q9JMI7}. Membrane raft {ECO:0000250|UniProtKB:Q9JMI7}. Cytoplasmic vesicle, secretory vesicle, acrosome {ECO:0000250|UniProtKB:Q9JMI7}. Secreted {ECO:0000250|UniProtKB:Q9JMI7}. Cytoplasmic vesicle {ECO:0000250|UniProtKB:Q9JMI7}. Note=Located on plasma membrane of spermatocytes, round and elongated spermatids, and testicular spermatozoa. {ECO:0000250|UniProtKB:Q9JMI7}

Tissue Location

Detected in testis and spermatogonia. Not detected in spermatocytes. Detected in blood leukocytes

TEX101 Blocking Peptide (C-term) - Protocols

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

- [Blocking Peptides](#)

TEX101 Blocking Peptide (C-term) - Images**TEX101 Blocking Peptide (C-term) - Background**

May play a role in signal transduction and promote protein tyrosine phosphorylation (By similarity).

TEX101 Blocking Peptide (C-term) - References

Teng X.,et al.Biochem. Biophys. Res. Commun. 342:1223-1227(2006).
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Yang J.,et al.Submitted (FEB-2001) to the EMBL/GenBank/DDBJ databases.
Clark H.F.,et al.Genome Res. 13:2265-2270(2003).