

Recombinant Human SPATA17

Catalog No: #GP10801



Package Size: #GP10801-1 100ug

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Description

Product Name	Recombinant Human SPATA17
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 300 amino acids of human spermatogenesis associated 17
Target Name	spermatogenesis associated 17
Other Names	IQCH, MSRG11, MSRG-11, RP11-144C20.1
Accession No.	Swissprot:Q96L03Gene Accession:BC014608
Uniprot	Q96L03
GeneID	128153;
Storage	-20~-80°C, pH 7.6 PBS

Background

Spata17 gene, which called MSRG11, by digital differential display of ESTs found only in testis. The deduced 292-amino acid protein was considered to be a member of the family of calmodulin (CaM)-binding proteins because it contained 3 short CaM-binding motifs containing conserved ile and gln residues (IQ motif). Spata17 protein was most abundant in the cytoplasm of round spermatids and elongating spermatids within seminiferous tubules of the adult testis. Expression gradually decreased in the manipulated testis of animals that underwent experimental unilateral cryptorchidism. Transient transfection experiments with a Spata17 expression construct in cultured spermatogonia GC-1 cells indicated that Spata17 accelerated apoptosis in a dose-dependent manner.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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