

## Sperm Antigen With Calponin Homology And Coiled-Coil 1 Human Re-

<b>Item Number</b>	rAP-4181
<b>Synonyms</b>	CYTSB, HCMOGT-1, HCMOGT1, NSP, Cytospin-B, Nuclear structure protein 5, NSP5, Sperm antigen HCMOGT-1, Sperm antigen with calponin homology and coiled-coil domains 1, SPECC1.
<b>Description</b>	SPECC1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 327 amino acids (458-761a.a) and having a molecular mass of 37.7kDa. SPECC1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	Q5M775
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSTQEGKII ELEQKCTGIL EQGRFEREKL LNIQQQLTCS LRKVEEENQG ALEMIKRLKE ENEKLNFLERLHNNMMA KTLLEECRVTL EGLKMENGSL KSHLQGEKQK ATEASAVEQT AESCEVQEML KVARAEKDLL ELSCNELRQE LLKANGEIKH VSSLLAK- VEK DYSYLKEICD HQAEQLSRYS LKLQEKASES DAEIKDMKET IFELEDQVEQ HRVAVKLHNNQ LISE- LESSVI KLEEKSDLE RQLKTLTKQM KEETEEWRRF QADLQTAVVV ANDIKCEAQQ ELRTVVRKLL EEEEKNA.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	SPECC1 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol 1mM DTT and 0.1M NaCl. Greater than 80.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**