

## Sperm Associated Antigen 7 Human Recombinant

<b>Item Number</b>	rAP-4012
<b>Synonyms</b>	ACRP, FSA-1, Sperm-associated antigen 7, SPAG7.
<b>Description</b>	SPAG7 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 250 amino acids (1-227 a.a.) and having a molecular mass of 28kDa.SPAG7 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	O75391
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSSLVPRGSH MGSMADLLGS ILSSMEKPPS LGDQETRRKA REQAARLKKL QEQEKQQKVE FRKRMEKEVS DFIQDSGQIK KKFQPMNKIE RSILHDVVEV AGLTSFSFGE DDDCRYV- MIF KKEFAPSDEE LDSYRRGEEW DPQKAEEKRK LKELAQREQE EAAQQGPVVV SPASDYKDKY SHLIGKGAAK DAAHMLQANK TYGCVPVANK RDTRSIEEAM NEIRAKKRLR QSGEELPPTS.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear 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>	SPAG7 protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer, (pH 7.5), 0.15M NaCl, 30% glycerol and 1mM DTT. Greater than 85.0% 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**