

Sperm Autoantigenic Protein 17 Human Recombinant

Item Number	rAP-3933
Synonyms	CT22, SP17, SP17-1, Sperm surface protein Sp17, Cancer/testis antigen 22, Sperm autoantigenic protein 17, Sperm protein 17, SPA17.
Description	SPA17 Human Recombinant produced in E. coli is a single polypeptide chain containing 174 amino acids (1-151) and having a molecular mass of 19.8kDa. SPA17 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q15506
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMSIPFSN THYRIPQGFG NLLEGLTREI LREQPDNIPA FAAA- FESLL EKREKTNFDP AEWGSKVEDR FYNNHAFEEQ EPPEKSDPKQ EESQISGKEE ETSVTILDSS EEDKEKEEVA AVKIQAAFRG HIAREEAKKM KTNSLQNEEK EENK.
Source	E.coli.
Physical Appearance and Stability	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.
Formulation and Purity	The SPA17 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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**