

Spermidine Synthase Human Recombinant

Item Number	rAP-1831
Synonyms	Spermidine synthase, SPDSY, Putrescine aminopropyltransferase, SRM, SPS1, SRML1, PAPT.
Description	SRM Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 322 amino acids (1-302 a.a.) and having a molecular mass of 36kDa. The SRM is purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P19623
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MEPGPDGPAA SGPAIREGW FRETCSLWPG QALSLQVEQL LHRRSRYQD ILVFRSKTYG NVLVDGVIQ CTERDEFSYQ EMIANLPLCS HPNPRKVLII GGG- DGGVLRV VVKHPSVESV VQCEIDEDVI QVSKKFLPGM AIGYSSSKLT LHVGDGFEFM KQNQDAFDVI ITDSSDPMGP AESLFKESYY QLMKTALKED GVLCCQGECC WLHLDLIKEM RQFCQSLFPV VAYAYCTIPT YPSGQIGFML CSKNPSTNFQ EPVQPLTQQQ VAQMQLKYNN SDVHRAAFVL PE- FARKALND VS.
Source	Escherichia 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 SRM solution (1 mg/ml) contains 20mM Tris-HCl buffer(pH 8.0), 10% glycerol, 2mM DTT and 0.1M NaCl. Greater than 95.0% 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**