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32-2817: SRM Recombinant Protein

Alternative Name : Spermidine synthase,SPDSY,Putrescine aminopropyltransferase,SRM,SPS1,SRML1,PAPT.

Description

Source : Escherichia Coli. 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. SRM is an enzyme which catalyzes the transfer of the propylamine group from S-adenosylmethioninamine to putrescine in the biosynthesis of spermidine. The polyamines putrescine, spermine and spermidine are ubiquitous polycationic mediators of cell growth and differentiation. The SRM protein is one of four enzymes in the polyamine-biosynthetic pathway and completes the final step of spermidine biosynthesis.

Product Info

Amount :	20 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	The SRM solution (1 mg/ml) contains 20mM Tris-HCl buffer(pH 8.0), 10% glycerol, 2mM DTT and 0.1M NaCl.
Storage condition :	SRM should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MEPGPDGPAA SGPAAIREGW FRETCSLWPG QALSLQVEQL LHHRRSRYQD ILVFRSKTYG NVLVLDGVIQ CTERDEFSYQ EMIANLPLCS HPNPRKVLII GGGDGGVLRE VVKHPSVESV VQCEIDEDVI QVSKKFLPGM AIGYSSSKLT LHVGDGFEFM KQNQDAFDVI ITDSSDPMGP AESLFKESYY QLMKTALKED GVLCCQGECQ WLHLDLIKEM RQFCQSLFPV VAYAYCTIPT YPSGQIGFML CSKNPSTNFQ EPVQPLTQQQ VAQMQLKYYN SDVHRAAFVL PEFARKALND VS.