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SRM, 1-302aa, Human, His tag, E.coli

产品货号: TP04030

第三版

别名:Spermidine synthase , PAPT, SPDSY, SPS1, SRML1

描述:SRM is an enzyme that 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. This protein is one of four enzymes in the polyamine-biosynthetic pathway and carries out the final step of spermidine biosynthesis. Recombinant human SRM protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol, 2mM DTT, 0.1M NaCl.

分子量:36 kDa (322aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMEPGPDGPAASGPAAIREGWFRETCSLWPGQALSQVEQLLHRRSRYQDILVFRSKTY
GNVLVDGVIQCTERDEFSYQEMIANLPLCSHPNPRKVLIIIGGDGGVLREVVKHPSVESVQCEIDEDVIQVSKKFLPGM
AIGYSSSKLTLHVGDGFEMKQNQDAFDVITDSSDPMGPAESLFKESYYQLMKTALKEDGVLCCQGECQWLHLDLIKEM
RQFCQSLFPVVAYAYCTIPTYPGQIGFMLCSKNPSTNFPQEPVQPLTQQQVAQMQLKYYNSDVHRAAFVLPEFARKALND
VS

纯度:> 95% by HPLC

浓度:1 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.