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SMCP, 1-116aa, Human, His tag, E.coli

产品货号: TP03969

第三版

别名:Sperm mitochondria-associated cysteine-rich protein, HSMCSGEN1, MCS, MCSP

描述:Sperm mitochondria differ in morphology and subcellular localization from those of somatic cells. They are elongated, flattened, and arranged circumferentially to form a helical coiled sheath in the midpiece of the sperm flagellum. SMCP localizes to the capsule associated with the mitochondrial outer membranes and is thought to function in the organization and stabilization of the helical structure of the sperm's mitochondrial sheath. Recombinant human SMCP 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 0.15M NaCl, 20% glycerol, 1mM EDTA, 0.1mM PMSF

分子量:15.2 kDa (139aa) (Molecular size on SDS-PAGE will appear higher)

序列:

MGSSHHHHHSSGLVPRGSHMGSMCDQTKHKKCPAKGNQCCPPQQNQCCKSKGNQCCPPKQNQCCKPKGSQCC
PPKHNHCCQPKPPCCIARCCGLETKPEVSPLNMESEPNPQTQDKGCQTQQPHSPQNESRPSK

纯度:> 95% by HPLC

浓度:0.5mg/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.