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FANK1, 1- 345aa, Human, His tag, E.coli

产品货号: TP02090

第三版

别名: fibronectin type 3 and ankyrin repeat domains protein 1, HSD13

描述: FANK1 was localized in the nuclei of the same cells within the seminiferous epithelium. Consistent with its nuclear localization, a gene ontology analysis suggests that FANK1 has a DNA binding activity and thus may function as a transcription factor. Given the highly restricted expression of FANK1, it may have a role in regulating gene expression in the transition from the meiotic phase to the haploid phase during spermatogenesis. Recombinant human FANK1 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 DTT, 0.1mM PMSF

分子量: 9.9kDa (91aa), confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)

序列:

MGSSHHHHHSSGLVPRGSHMGSMEPQKIMPPSKPHPPVVGKVTTHSIELYWDLEKKAKRQGPQEQWFRFSIEEEDPK
MHTYGIIYTGYATKHVVEGLEPRTLRFRLKVTSPSGECEYSPLVSVSTTTREPISEHLHRAVSVNDEDLLVRILQGGRVKVD
VPNKFQFTALMVAAQKGYTRLVKILVSNLTDVNLKNGSGKDSLMLACYAGHLDVVKYLRRHGASWQARDLGGCTALH
WAADGGHCSVIEWMIKDGCEVDVVDTGSGWTPLMRVSAVSGNQRVASLLIDAGANVNVKDRNGKTPLMVAVLNNH
EELVQLLLDKGADASVKNEFGKGVLEMARVFDRQSVVSLLEERKKKQRPKKSCVC

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.