Recombinant human FANK1, His-tagged

Cat. No. FANK1-2428H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human FANK1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
Description	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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT, 0.1mM PMSF
Molecular Mass	9.9kDa (91aa), confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMEPQKIM PPSKPHPPVV GKVTHHSIEL YWDLEKKAKR QGPQEQWFRF SIEEEDPKMH TYGIIYTGYA TKHVVEGLEP RTLYRFRLKV TSPSGECEYS PLVSVSTTRE PISSEHLHRA VSVNDEDLLV RILQGGRVKV DVPNKFGFTA LMVAAQKGYT RLVKILVSNG TDVNLKNGSG KDSLMLACYA GHLDVVKYLR RHGASWQARD LGGCTALHWA ADGGHCSVIE

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	WMIKDGCEVD VVDTGSGWTP LMRVSAVSGN QRVASLLIDA GANVNVKDRN GKTPLMVAVL NNHEELVQLL LDKGADASVK NEFGKGVLEM ARVFDRQSVV SLLEERKKKQ RPKKSCVC
Purity	>85% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	FANK1 fibronectin type III and ankyrin repeat domains 1 [Homo sapiens]
Official Symbol	FANK1
Synonyms	FANK1; fibronectin type III and ankyrin repeat domains 1; fibronectin type 3 and ankyrin repeat domains 1; fibronectin type 3 and ankyrin repeat domains protein 1; 1700007B22Rik; HSD13;
Gene ID	92565
mRNA Refseq	NM_145235
Protein Refseq	NP_660278
MIM	611640

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID	Q8TC84
Chromosome Location	10q26.2

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA