

32-3814: FANK1 Recombinant Protein

Alternative Name : Fibronectin Type 3 And Ankyrin Repeat Domains 1,1700007B22Rik.

Description

Source : Escherichia Coli. FANK1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 368 amino acids (1-345 a.a) and having a molecular mass of 40.7kDa. FANK1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. FANK1 was localized in the nuclei of identical cells in the seminiferous epithelium. Depending on its nuclear localization, a gene ontology analysis proposes that FANK1 has a DNA binding activity therefor operates as a transcription factor. The extremely controlled expression of FANK1, suggests that it takes part in regulating gene expression in the transition from the meiotic phase to the haploid phase throughout spermatogenesis.

Product Info

Amount :	20 µg
Purification :	"Greater than 90.0% as determined by SDS-PAGE."
Content :	FANK1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 0.15M NaCl, 1mM DTT, 0.1mM PMSF and 20% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMEPQKIM PPSKPHPPVV GKVTHHSIEL YWDLEKKAKR QGPQEQWFRF SIEEDPKMH TYGIYTGYA TKHVVEGLEP RTLYRFRLKV TSPSGECEYS PLVSVSTTRE PISSEHLHRA VSVNDELLV RILQGGRVKV DVPNKFQFTA LMVAAQKGYT RLVKILVSNG TDVNLKNGSG KDSLMLACYA GHLDVVKYLR RHGASWQARD LGGCTALHWA ADGGHCSVIE WMIKDGCEVD VVDTGSGWTP LMRVSAVSGN QRVASLLIDA GANVNVKDRN GKTPLMVAVL NNHEELVQLL LDKGADASVK NEFGKGVLEM ARVFDQRSVV SLLEERKKKQ RPKKSCVC

