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B9D2, 1-175aa, Human, His tag, E.coli

产品货号: TP01287

第三版

别名: B9 domain-containing protein 2, ICIS-1, MKS10, MKSR2

描述: B9D2 contains a B9 domain protein, which are exclusively found in ciliated organisms. This protein is upregulated during mucociliary differentiation, and the encoded protein localizes to basal bodies and cilia. Disrupting expression of this gene results in ciliogenesis defects. Recombinant human B9D2 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 0.2M NaCl, 50% glycerol, 2mM DTT, 1mM EDTA

分子量: 21.6 kDa (198aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSM AEVHVIGQIIGASGFSESSLFCKWGIHTGA AWKLLSGVREGQTQVDTPQIGDMA  
YWSHPIDLHFATKGLQGWPRLHFQVWSQDSFGRCQLAGYGFCHVPSSPGTHQLACPTWRPLG SWREQLARAFVGGGP  
QLLHGDTIYSGADRYRLHTAAGGT VHLEIGLLLRNFDRYGVEC

纯度: > 95% by HPLC

浓度: 0.25 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.