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DNALI1, 1-280 aa, Human, His tag, E.coli

产品货号: TP01909

第三版

别名:axonemal dynein light intermediate polypeptide 1, dJ423B22.5, hp28, P28

描述:DNALI1 is the human homolog of the Chlamydomonas inner dynein arm gene, p28. The precise function of this gene is not known, however, it is a potential candidate for immotile cilia syndrome (ICS). Ultrastructural defects of the inner dynein arms are seen in patients with ICS. Immotile mutant strains of Chlamydomonas, a biflagellated algae, exhibit similar defects. Recombinant human DNALI1 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, 10% glycerol, 1mM DTT, 0.1mM PMSF

分子量:34.2 kDa (303aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMVTANKAHTGQGSCWVATLASAMIPPADSLLKYDTPVLVSRNTEKRSPKARLLKV
SPQQPGPSGSAPQPPKTKLPSTPCVPDPTKQAEELNAILPPREWVEDTQLWIQQVSSTPSTRMDVVHLQEQLDLKLQQRQ
ARETGICPVRRELYSQCFDELIREVTINCAERGLLLLRVRDEIRMTIAAYQTLYESSVAFGMRKALQAEQKSDMERKIAELE
TEKRDLERQVNEQKAKCEATEKRESERRQVEEKHNIEIQFLKRTNQQKALQLEGIIAPKK

纯度:> 95% by HPLC

浓度:1mg/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.