

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

DNAL1, 1-190aa Human, His tag, E.coli

产品货号: TP01907

第三版

别名: Dynein light chain 1, axonemal, C14orf168, CILD16

描述: DNAL1 is an axonemal dynein light chain which functions as a component of the outer dynein arms complex. This complex acts as the molecular motor that provides the force to move cilia in an ATP-dependent manner. DNAL1 is expressed in tissues with motile cilia or flagella and may be involved in the movement of sperm flagella. Alternate splicing results in multiple transcript variants. Recombinant human DNAL1 protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

分子量: 23.9 kDa (213aa)

序列:

MGSSHHHHHHSSGLVPRGSHMGSMKATTIKEALARWEEKTGQRPSEAKEIKLYAQIPPIEKMDASLSMLANCEKLSLST  
NCIEKIANLNLGLKNLRILSLGRNNIKNLNGLEAVGDTLEELWISYNFIEKLGKGIHIMKKLKILYMSNNLVKDWAEFVKLAELP  
CLEDLVFVGNPLEEKHSAENNWIEEATKRVPKLKKLDGTPVIKGDDEEDN

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.