

## 32-3681: DNAL1 Recombinant Protein

**Alternative Name :** Dynein light chain 1,axonemal,C14orf168,CILD16,DNAL1.

### Description

Source : E.coli. DNAL1 Human Recombinant produced in E. coli is a single polypeptide chain containing 213 amino acids (1-190) and having a molecular mass of 23.9 kDa. DNAL1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Dynein Axonemal Light Chain 1 (DNAL1) functions as a component of the outer dynein arms complex. DNAL1 acts as the molecular motor which supplies the force to move cilia in an ATP-dependent manner. DNAL1 is expressed in tissues with motile cilia or flagella and takes part in the movement of sperm flagella. Alternate splicing results in numerous transcript variants.

### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	Greater than 90% as determined by SDS-PAGE.
<b>Content :</b>	The DNAL1 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.
<b>Storage condition :</b>	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).Avoid multiple freeze-thaw cycles.
<b>Amino Acid :</b>	MGSSHHHHH SSGLVPRGSH MGSMKATTI KEALARWEEK TGQRPSEAKE IKLYAQIPPI EKMDASLSML ANCEKLSLST NCIEKIANLN GLKNLRILSL GRNNIKNLNG LEAVGDTLEE LWISYNFIEK LKGIHIMKKL KILYMSNNLV KDWAEFVKLA ELPCLDLVF VGNPLEEKHS AENNWIEEAT KRVPLKLLD GTPVIKGDEE EDN.

