

## Dynein Axonemal Light Chain 1 Human Recombinant

<b>Item Number</b>	rAP-3205
<b>Synonyms</b>	Dynein light chain 1, axonemal, C14orf168, CILD16, DNAL1.
<b>Description</b>	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.
<b>Uniprot Accesion Number</b>	Q4LDG9
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSMAKATTI KEALARWEEK TGQRPSEAKE IKLYAQIPPI EKMDASLSML ANCEKLSLST NCIEKIANLN GLKNLRLSL GRNNIKNLNG LEAVGDTLEE LWISYNFIEK LKGIIHMKKL KILYMSNNLV KDWAEFVKLA ELPCLEDLVF VGNPLEEKHS AENNWIEEAT KRPVPLKKLD GTPVIKGDEE EDN.
<b>Source</b>	E.coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. 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>Formulation and Purity</b>	The DNAL1 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**