

Dynein Axonemal Light Chain 1 Human Recombinant

Item Number	rAP-3205
Synonyms	Dynein light chain 1, axonemal, C14orf168, CILD16, DNAL1.
Description	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.
Uniprot Accession Number	Q4LDG9
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMKATTI KEALARWEEK TGQRPSEAKE IKLYAQIPPI EKMDASLSML ANCEKLSLST NCIEKIANLN GLKNLRILSL GRNNIKNLNG LEAVGDTLEE LWISYNFIEK LKGIIHMKKL KILYMSNNLV KDWAEFVKLA ELPCLDLVF VGNPLEEKHS AENNWIEEAT KRVPKLKKLD GTPVIKGDEE EDN.
Source	E.coli.
Physical Appearance and Stability	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.
Formulation and Purity	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.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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 ender users! This product is sold for **Research Use Only**