9051 Mira Mesa Blvd, #910094
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DYNLL2 Human

Dynein Light Chain LC8 Type-2 Human Recombinant
RCP0690

Product Overview

Name	DYNLL2 Human
Description	
Dynein Light Chain LC8 Type-2 Human Recombinant	
Accession (Primary)	Q96FJ2
Synonyms	
Dynein light chain LC8-type 2, DNCL1B, Dlc2, MGC17810, RSPH22, 8kDa dynein light chain b, DLC8b, dynein light chain 2 cytoplasmic, radial spoke 22 homolog.	
Introduction	
Dyneins are multi-subunit, high molecular weight ATPases which cooperate with microtubules to create energy by altering the chemical energy of ATP into the mechanical energy of movement. DYNLL2 is a large protein complex made up of six different subunits and is in charge of a large number of intracellular movements to the minus ends of microtubules. DYNLL2 is an extremely conserved eukaryotic hub protein with dozens of binding partners and numerous roles other than being a subunit of dynein and myosin Va motor proteins.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
DYNLL2 protein solution (1 mg/1ml) containing 20mM Tris-HCl buffer (pH8.0), 30% glycerol, 0.2M NaCl and 1mM DTT.	
Stability	
DYNLL2 although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MSDRKAVIKN ADMSEDMQQD AVDCATQAME KYNIEKDIAA YIKKEFDKKY NPTWHCIVGR NFGSYVTHET KHFIYFYLGQ VAILLFKSG	
Precautions	

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DYNLL2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q96FJ2)