9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

DNAL4 Human

Dynein Axonemal Light Chain 4 Human Recombinant
RCP0672

Product Overview

Name	DNAL4 Human
Description	
Dynein Axonemal Light Chain 4 Human Recombinant	
Accession (Primary)	O96015
Synonyms	
Dynein light chain 4 axonemal, DNAL4, PIG27.	
Introduction	
DNAL4 is a member of the dynein light chain family. DNAL4 is a component of the dynein motor complex in cells that converts the chemical energy contained in ATP into the mechanical energy of movement. Dynein transports various cellular cargos by moving the length of cytoskeletal microtubules towards the minus-end of the microtubule, which is typically oriented towards the cell center.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
DNAL4 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.	
Stability	
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.	
Purity	
Greater than 95% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGETEGKKDE ADYKRLQTFP LVRHSDMPEE MRVETMELCV TACEKFSNNN ESAAKMIKET MDKKFGSSWH VVIGEGFGFE ITHEVKNLLY LYFGGTLAVC VWKCS.	
Precautions	
DNAL4 Human is for research use only and not for use in diagnostic or therapeutic procedures.	

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

Target Information: (O96015)