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

DYNLT3 Human

Dynein, Light Chain, Tctex-Type 3 Human Recombinant
RCP0694

Product Overview

Name	DYNLT3 Human
Description	
Dynein, Light Chain, Tctex-Type 3 Human Recombinant	
Accession (Primary)	P51808
Synonyms	
Dynein light chain Tctex-type 3, t-complex-associated-testis-expressed 1-like, TCTE1XL, Protein 91/23, TCTEX1L, TCTE1L, RP3.	
Introduction	
DYNLT3 belongs to a subclass of dynein light chains. The DYNLT3 protein homodimerizes and forms the light chain component of the cytoplasmic dynein motor protein complex. DYNLT3 functions as one of several non-catalytic accessory components of the cytoplasmic dynein 1 complex which are believed to be involved in linking dynein to cargos and to adapter proteins that regulate dynein function. DYNLT3 may also work independently of dynein as a transcriptional modulator. DYNLT3 is required for the effective progression through mitosis.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The DYNLT3 solution (0.25mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 10% glycerol.	
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 80% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MEEYHRH CDEVGFNAEE AHNIVKECVD GVLGGEDYNH NNINQWTASI VEQSLTHLVK LGKAYKYIVT CAVVQKSAYG FHTASSCFWD TTSDGTCTVR WENRTMNCIV NVFAIAIVL	
Precautions	

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DYNLT3 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P51808)