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

DYNLT1 Human

Dynein, Light Chain, Tctex-Type 1 Human Recombinant
RCP0693

Product Overview

Name	DYNLT1 Human
Description	
Dynein, Light Chain, Tctex-Type 1 Human Recombinant	
Accession (Primary)	P63172
Synonyms	
Dynein light chain Tctex-type 1, Protein CW-1, T-complex testis-specific protein 1 homolog, DYNLT1, TCTEL1, TCTEX-1, TCTEX1, CW-1.	
Introduction	
Dynein light chain Tctex-type 1 (DYNLT1) is a member of the dynein light chain Tctex-type family. DYNLT1 is a dynein light chain involved in cargo binding. DYNLT1 acts 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. Cytoplasmic dynein is a key motor protein complex responsible for minus-end, microtubule-based motile processes. Each dynein complex consists of two heavy chains which have ATPase and motor activities, as well as a group of accessory polypeptides.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
DYNLT1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 30% glycerol and 0.1M NaCl.	
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 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MEDYQAAEET AFVVDEVSNI VKEAIESAIG GNAYQHSKVN QWTTNVVEQT LSQLTKLGKP FKYIVTCVIM QKNGAGLHTA SSCFWDSSTD GSCTVRWENK TMYCIVSAFG LSI.	

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Precautions

DYNLT1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P63172)