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32-3700: DYNLT3 Recombinant Protein

Alternative Name : Dynein light chain Tctex-type 3,t-complex-associated-testis-expressed 1-like,TCTE1XL,Protein 91/23,TCTEX1L,TCTE1L,RP3.

Description

Source : E.coli. DYNLT3 Human Recombinant produced in E. coli is a single polypeptide chain containing 139 amino acids (1-116) and having a molecular mass of 15.5 kDa.DYNLT3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	10 µg
Purification :	Greater than 80% as determined by SDS-PAGE.
Content :	The DYNLT3 solution (0.25mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 10% glycerol.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMEEYHRH CDEVGFNAEE AHNIVKECVD GVLGGEDYNH NNINQWTASI VEQSLTHLVK LGKAYKYIVT CAVVQKSAYG FHTASSCFWD TTSDGTCTVR WENRTMNCIV NVFAIAIVL

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