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DYNLT3 Human

Catalog #:PRPS-1204

For research use only.

Description: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.

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

Source:E.coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MGSMEEYHRH CDEVGFNAEE AHNIVKECVD GVLGGEDYNH NNINQWTASI VEQSLTHLVK LGKAYKYIVT CAVVQKSAYG FHTASSCFWD TTSDGTCTVR WENRTMNCIV NVFAIAIVL

Purity: Greater than 80% as determined by SDS-PAGE.

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.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drμgs, agricultural or pesticidal products, food additives or household chemicals.

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 throμgh mitosis.

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