

## 32-3699: DYNLT1 Recombinant Protein

**Alternative Name :** Dynein light chain Tctex-type 1, Protein CW-1, T-complex testis-specific protein 1 homolog, DYNLT1, TCTEL1, TCTEX-1, TCTEX1, CW-1.

### Description

Source : Escherichia Coli. DYNLT1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 133 amino acids (1-113 a.a.) and having a molecular mass of 14.6kDa. DYNLT1 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	Greater than 95.0% as determined by SDS-PAGE.
<b>Content :</b>	DYNLT1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 30% glycerol and 0.1M NaCl.
<b>Storage condition :</b>	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.
<b>Amino Acid :</b>	MGSSHHHHHH SSGLVPRGSH MEDYQAAEET AFVVDEVSNI VKEAIESAIG GNAYQHSKVN QWTTNVVEQT LSQTLKLGKP FKYIVTCVIM QKNGAGLHTA SSCFWDSSTD GSCTVRWENK TMYCIVSAFG LSI.

