

**DYNLT1, 1-113aa, Human, His tag, E.coli**

**Cat.NO.: TP01948**

---

3th Edition

**Synonyms:**Dynein light chain Tctex-type 1, CW-1, TCTEL1, tctex-1

**Description:**Dynein light chain Tctex-type 1, also known as DYNLT1, belongs to the dynein light chain Tctex-type family. DYNLT1 acts as one of several non-catalytic accessory components of the cytoplasmic dynein 1 complex that are thought to be involved in linking dynein to cargos and to adapter proteins that regulate dynein function.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 30% glycerol, 0.1M NaCl

**Molecular Weight:**14.6 kDa (133aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMEDYQAAEETAFVVDEVSNIVKEAIESAIGGNAYQHASKVNQWTTNNVVEQTLSQLT  
KLGKPFKYIVTCVIMQKNGAGLHTASSCFWDSSTDGCTVRWENKTMYSIVSAFGLSI

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay )

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.