

**DYNLL2, 1-89aa, Human, His tag, E.coli**

**Cat.NO.: TP01945**

3th Edition

**Synonyms:** Dynein light chain 2, LC8-type2, Dlc2, DNCL1B, DLC8b

**Description:** Dynein light chain 2, cytoplasmic, also known DYNLL2, is a large protein complex composed of six distinct subunits and is responsible for most intracellular movement toward the minus ends of microtubules. Dyneins are multisubunit, high molecular weight ATPases that interact with microtubules to generate force by converting the chemical energy of ATP into the mechanical energy of movement.

**Form:** Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 30% glycerol, 0.2M NaCl

**Molecular Weight:** 12.5 kDa (109aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMSDRKAVIKNADMSEDMQQDAVDCATQAMEKYNIEKDIAAYIKKEFDKKYNPTW  
HCIVGRNFGSYVTHETKHFIYFYLGQVAILLFKSG

**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.