

**Recombinant Human Cytoplasmic Dynein Light Chain 1/DYNLL1 Protein(N-6His)**

**Cat.NO.: TP05875**

3th Edition

**Synonyms:**Dynein Light Chain 1 Cytoplasmic; 8 kDa Dynein Light Chain; DLC8; Dynein Light Chain LC8-Type 1; Protein Inhibitor of Neuronal Nitric Oxide Synthase; PIN; DYNLL1;DLC1; DNCL1; DNCLC1; HDLC1

**Description:**Human Dynein Cytoplasmic Light Chain 1 (DYNLL1) has been identified as a protein that interacts with NOS1, leading to NOS1 inhibition. NOS1 dimer is destabilized after binding DYNLL1 a conformation necessary activity, and it regulate numerous biologic processes throughits effects on nitric oxide synthase activity. DYNLL1 is widely expressed, with higher expression in testis and moderate expression in brain.

**Form:**PBS

**Molecular Weight:**12.5 kDa

**Sequences:**Met 1-Gly89

**Purity:**> 95% by HPLC

**Concentration:**

**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.