

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 through its 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.