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DYNLL2 Human

Catalog #:PRPS-242

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Description:DYNLL2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 109 amino acids (1-89a.a) and having a molecular mass of 12.5kDa.DYNLL2 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Synonyms: Dynein light chain LC8-type 2, DNCL1B, Dlc2, MGC17810, RSPH22, 8kDa dynein light chain b, DLC8b, dynein light chain 2 cytoplasmic, radial spoke 22 homolog.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered clear solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MSDRKAVIKN ADMSEDMQQD AVDCATQAME KYNIEKDIAA YIKKEFDKKY NPTWHCIVGR NFGSYVTHET KHFIYFYLGQ VAILLFKSG

Purity: Greater than 90.0% as determined by SDS-PAGE.

Formulation:
DYNLL2 protein solution (1 mg/1ml) containing 20mM Tris-HCl buffer (pH8.0), 30% glycerol, 0.2M NaCl and 1mM DTT.

Stability:
DYNLL2 althoμgh stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

Usage:
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Introduction:
Dyneins are multi-subunit, high molecular weight ATPases which cooperate with microtubules to create energy by altering the chemical energy of ATP into the mechanical energy of movement. DYNLL2 is a large protein complex made up of six different subunits and is in charge of a large number of intracellular movements to the minus ends of microtubules. DYNLL2 is an extremely conserved eukaryotic hub protein with dozens of binding partners and numerous roles other than being a subunit of dynein and myosin Va motor proteins.

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