

DYNLRB2

Recombinant Human Dynein Light Chain Roadblock-Type 2 His

Catalog No.	CS459A	Quantity:	5 µg
	CS459B		20 µg
	CS459C		1 mg

Alternate Names: DYNLRB2, DNCL2B, DNLC2B, ROBLD2

Description: Dynein light chain roadblock-type 2 (DYNLRB2) functions as one of several non-catalytic accessory components of the cytoplasmic dynein complex which are considered to be involved in linking dynein to cargos and to adapter proteins that regulate dynein function. Cytoplasmic dynein functions as a motor for the intracellular retrograde motility of vesicles and organelles along microtubules.

Recombinant Human DYNLRB2 fused with a 20 amino acid His tag at the N-terminus produced in *E. coli* is a single, non-glycosylated, polypeptide chain containing 116 amino acids (aa1-96) and having a molecular mass of 13 kDa. The DYNLRB2 is purified by proprietary chromatographic techniques.

Physical Appearance: Sterile Filtered colorless solution.

Gene ID: 83657

Source: *E. coli*

Molecular Mass: 13 kDa

Formulation: The DYNLRB2 solution (0.5 mg/ml) contains 20 mM Tris-HCl buffer, pH 8.0, + 20% glycerol + 0.1 M NaCl + 1 mM DTT.

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

Amino Acid Sequence: MGSSHHHHH SSGLVPRGSH MAEVEETLKR IQSHKGVIGT MIVNAEGIPI
RTTLDNSTTV QYAGLLHHLT MKAKSTVRDI DPQNDLTFLR IRSKKHEIMV
APDKEYLLIV IQNPCE.

Storage & Stability: DYNLRB2 should be stored desiccated below -20°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). **This depends upon the particular application employed. Please prevent freeze-thaw cycles.**

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