

Recombinant Human DYNLRB1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DYNLRB1-1114H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DYNLRB1 MS Standard C13 and N15-labeled recombinant protein (NP_054902) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene is a member of the roadblock dynein light chain family. The encoded cytoplasmic protein is capable of binding intermediate chain proteins, interacts with transforming growth factor-beta, and has been implicated in the regulation of actin modulating proteins. Upregulation of this gene has been associated with hepatocellular carcinomas, suggesting that this gene may be involved in tumor progression. Alternative splicing results in multiple transcript variants. Pseudogenes of this gene have been defined on chromosomes 12 and 18.
Molecular Mass	10.9 kDa
AA Sequence	MAEVEETLKRLQSQKGVQGIIVNTEGIPIKSTMDNPTTTQYASLMHSFILKARSTVR DIDPQNDLTFLRIRSKKNEIMVAPDKDYFLIVIQNPTETRTRPLEQKLISEEDLAANDIL DYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name DYNLRB1 dynein light chain roadblock-type 1 [Homo sapiens (human)]

Official Symbol DYNLRB1

Synonyms DYNLRB1; dynein, light chain, roadblock-type 1; DNCL2A, dynein, cytoplasmic, light polypeptide 2A; dynein light chain roadblock-type 1; DNLC2A; roadblock domain containing 1; ROBLD1; Roadblock-1; ROBL/LC7-like 1; bithoraxoid-like protein; dynein-associated protein Km23; dynein-associated protein HKM23; cytoplasmic dynein light chain 2A; dynein light chain 2A, cytoplasmic; roadblock domain-containing protein 1; dynein, cytoplasmic, light polypeptide 2A; BLP; BITH; DNCL2A;

Gene ID 83658

mRNA Refseq NM_014183

Protein Refseq NP_054902

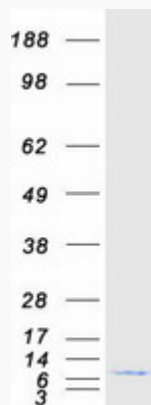
MIM 607167

UniProt ID Q9NP97

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SDS-PAGE

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