

# Recombinant Full Length Human DYNLRB1 Protein, GST-tagged

**Cat. No.** DYNLRB1-4159HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human DNCL2A full-length ORF ( AAH02481, 22 a.a. - 96 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	22-96 amino acids
<b>Description</b>	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. [provided by RefSeq, Aug 2013]
<b>Molecular Mass</b>	33.99 kDa
<b>AA Sequence</b>	VVNTEGIPIKSTMDNPTTTQYASLMHSFILKARSTVRDIDPQNDLTFLRIRSKKNEIMV APDKDYFLVIVQNPTTE
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	DYNLRB1 dynein, light chain, roadblock-type 1 [ Homo sapiens ]
<b>Official Symbol</b>	DYNLRB1
<b>Synonyms</b>	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;
<b>Gene ID</b>	83658
<b>mRNA Refseq</b>	NM_014183
<b>Protein Refseq</b>	NP_054902
<b>MIM</b>	607167

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UniProt ID

Q9NP97

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