

Product datasheet for **TP300051**

DYNLRB1 (NM_014183) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human dynein, light chain, roadblock-type 1 (DYNLRB1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200051 protein sequence Red =Cloning site Green =Tags(s)
	MAEVEETLKRLLQSQKGVQGIIVNTEGIIPIKSTMDNPTTTQYASLMHSFILKARSTVRDIDPQNDLTLFLR IRSKKNEIMVAPDKDYFLIVIQNPTE
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	10.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_054902
Locus ID:	83658
UniProt ID:	Q9NP97
RefSeq Size:	717
Cytogenetics:	20q11.22



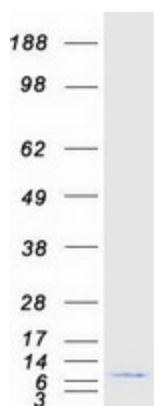
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RefSeq ORF: 288

Synonyms: BITH; BLP; DNCL2A; DNLC2A; ROBLD1

Summary: 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]

Product images:



Coomassie blue staining of purified DYNLRB1 protein (Cat# TP300051). The protein was produced from HEK293T cells transfected with DYNLRB1 cDNA clone (Cat# [RC200051]) using MegaTran 2.0 (Cat# [TT210002]).