

Product datasheet for PH300051

DYNLRB1 (NM_014183) Human Mass Spec Standard

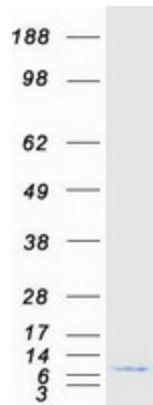
Product data:

Product Type:	Mass Spec Standards
Description:	DYNLRB1 MS Standard C13 and N15-labeled recombinant protein (NP_054902)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200051
Predicted MW:	10.9 kDa
Protein Sequence:	<p>>RC200051 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MAEVEETLKRLQSQKGVQGIIVNTEGIPIKSTMDNPTTTQYASLMHSFILKARSTVRDIDPQNDLTFLR IRSKKNEIMVAPDKDYFLIVIQNPTE</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_054902
RefSeq Size:	717
RefSeq ORF:	288
Synonyms:	BITH; BLP; DNCL2A; DNLC2A; ROBLD1
Locus ID:	83658
UniProt ID:	Q9NP97
Cytogenetics:	20q11.22


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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]).