

Recombinant Human DPYSL3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DPYSL3-498H Lot. No. (See product label)

SPECIFICATION

Product Overview

DPYSL3 MS Standard C13 and N15-labeled recombinant protein (NP_001378) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

Description

Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. Plays a role in axon guidance, neuronal growth cone collapse and cell migration.

Molecular Mass

61.8 kDa

AA Sequence

MSYQGKKNIPRITSDRLLIKGGRIVNDDQSFYADIYMEDGLIKQIGDNLIVPGGVKTIEA
 NGKMVIPGGIDVHTHFQMPYKGMTTVDDFFQGTKAALAGGTTMIIDHVPEPESSLT
 EAYEKWREWADGKSCCDYALHVDITHWNDSVKQEVQNLIKDKGVNSFMVY MAYKD
 LYQVSNTELYEIFTCLGELGAIQVHAENGDIIAQEQTRMLEMGITGPEGHVLSRPEE
 LEAEAVFRITIASQTNCPLYVTKVMSKSAADLISQARKKGNVVFGEPIASLGIDGTH
 YWSKNWAKAAAFVTSPPLSPDPTTPDYINSLASGDLQLSGSAHCTFSTAQKAIGKD
 NFTAIEGTNGVEERMSVIWDKAVATGKMDENQFVAVTSTNAAKIFNLYPRKGRISV
 GSDSDLVIWDPDAVKIVSAKNHQSAAEYNIFEGMELRGAPLVVICQGKIMLEDGNLH
 VTQGAGRFPICSPFSDYVYKRIKARRKMADLHAVPRGMVDGPVFDLTTTPKGGTPA
 GSARGSPTRPNPPVRNLHQSGFSLSGTQVDEGVRSASKRIVAPPGGRSNITSLSTR

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

TRPLEQKLISEEDLAANDILDYKDDDDKV

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 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 DPYSL3 dihydropyrimidinase-like 3 [Homo sapiens (human)]

Official Symbol DPYSL3

Synonyms DPYSL3; dihydropyrimidinase-like 3; dihydropyrimidinase-related protein 3; CRMP4; DRP 3; ULIP; unc-33-like phosphoprotein 1; collapsin response mediator protein 4 long; DRP3; DRP-3; LCRMP; CRMP-4; ULIP-1;

Gene ID 1809

mRNA Refseq NM_001387

Protein Refseq NP_001378

MIM 601168

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UniProt ID

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