

Recombinant Human DPYSL2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DPYSL2-6183H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DPYSL2 MS Standard C13 and N15-labeled recombinant protein (NP_001377) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the collapsin response mediator protein family. Collapsin response mediator proteins form homo- and hetero-tetramers and facilitate neuron guidance, growth and polarity. The encoded protein promotes microtubule assembly and is required for Sema3A-mediated growth cone collapse, and also plays a role in synaptic signaling through interactions with calcium channels. This gene has been implicated in multiple neurological disorders, and hyperphosphorylation of the encoded protein may play a key role in the development of Alzheimer's disease. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Molecular Mass	62.3 kDa
AA Sequence	MSYQGKKNIPRITSDRLLIKGGKIVNDDQSFYADIYMEDGLIKQIGENLIVPGGVKTIEA HSRMVIPGGIDVHTRFQMPDQGMTSADDDFFQGTKAALAGGTTMIIDHVVPEPGTSL AAFDQWREWADSKSCCDYSLHVDISEWHKGIQEEMEALVKDHGVNSFLVYMAFKD RFQLTDCQIYEVLVIRDIGAIAQVHAENGDIIEEQQRILDLGITGPEGHVLSRPEEVE

 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

AEAVNRAITIANQTNCPYITKVMSSAEVIAQARKKGTVVYGEPIASLGTDGSHY
 WSKNWAKAAAFVTSPPLSPDPTTPDFLNSLLSCGDLQVTGSAHCTFNTAQKAVGKD
 NFTLIPEGTNGTEERMSVIWDKAVVTGKMDENQFVAVTSTNAAKVFNLPRKGRIAV
 GSDADLVIWDPDSVKTISAKTHNSSLEYNIFEGMECRGSPLVVISQGKIVLEDGTLHV
 TEGSGRYIPRKPFDFVYKRIKARSRLAELRGVPRGLYDGPVCEVSVTPKTVTPASS
 AKTSPAKQQAPPVRNLHQSGFSLSGAQIDDNIPRRTTQRIVAPPGGRANITSLGTRT
 RPLEQKLISEEDLAANDILDYKDDDDKV

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 DPYSL2 dihydropyrimidinase-like 2 [Homo sapiens (human)]

Official Symbol DPYSL2

Synonyms DPYSL2; dihydropyrimidinase-like 2; dihydropyrimidinase-related protein 2; CRMP2; DHPRP2; DRP 2; DRP2; unc-33-like phosphoprotein 2; collapsin response mediator protein hCRMP-2; N2A3; DRP-2; ULIP2; CRMP-2; ULIP-2;

Gene ID 1808

 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

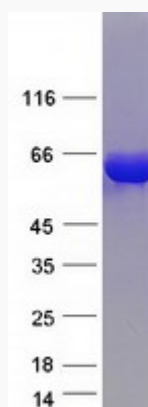
mRNA Refseq [NM_001386](#)

Protein Refseq [NP_001377](#)

MIM [602463](#)

UniProt ID [Q16555](#)

SDS-PAGE



 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