

Recombinant Human DPYSL2 Protein, MYC/DDK-tagged

Cat. No. DPYSL2-2539H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human DPYSL2 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.

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.

Form 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

Molecular Mass 62.1 kDa

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Concentration >50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	DPYSL2 dihydropyrimidinase-like 2 [Homo sapiens]
Official Symbol	DPYSL2
Synonyms	CRMP-2; CRMP2; DHPRP2; DRP-2; DRP2; N2A3; ULIP-2; ULIP2
Gene ID	1808
mRNA Refseq	NM_001197293
Protein Refseq	NP_001184222
MIM	602463
UniProt ID	Q16555

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