

Recombinant Mouse Dpysl2 Protein, Myc/DDK-tagged

Cat. No. Dpysl2-2651M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length dihydropyrimidinase-like 2 (Dpysl2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Plays a role in neuronal development and polarity, as well as in axon growth and guidance, neuronal growth cone collapse and cell migration. Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. May play a role in endocytosis.
Molecular Mass	62.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Dpysl2 dihydropyrimidinase-like 2 [Mus musculus (house mouse)]
Official Symbol	Dpysl2
Synonyms	DPYSL2; dihydropyrimidinase-like 2; dihydropyrimidinase-related protein 2; DRP-2; ULIP-2; unc-33-like phosphoprotein 2; collapsin response mediator protein 2; DRP2; Crmp2; Ulip2; TOAD-64; A1851130; Musunc33
Gene ID	12934
mRNA Refseq	NM_009955
Protein Refseq	NP_034085
UniProt ID	O08553

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