Recombinant Full Length Human DPYSL3 Protein, C-Flag-tagged

Cat. No. DPYSL3-415HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human DPYSL3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
ProteinLength	1-570 a.a.
Description	Enables filamin binding activity. Predicted to be involved in several processes, including actin filament organization; regulation of plasma membrane bounded cell projection organization; and response to axon injury. Predicted to act upstream of or within nervous system development. Predicted to be located in several cellular components, including cell body; growth cone; and lamellipodium. Predicted to be part of filamentous actin. Predicted to be active in synapse. Predicted to colocalize with exocytic vesicle.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	61.8 kDa
AA Sequence	MSYQGKKNIPRITSDRLLIKGGRIVNDDQSFYADIYMEDGLIKQIGDNLIVPGGVKTIEA NGKMVIPGGI DVHTHFQMPYKGMTTVDDFFQGTKAALAGGTTMIIDHVVPEPESSL TEAYEKWREWADGKSCCDYALHVD ITHWNDSVKQEVQNLIKDKGVNSFMVYMAY

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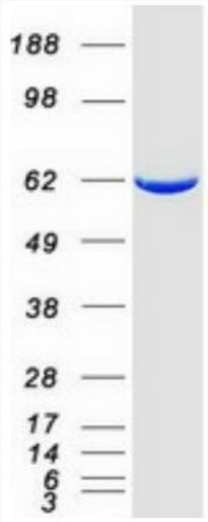
	KDLYQVSNTELYEIFTCLGELGAIAQVHAENGDIIAQEQT RMLEMGITGPEGHVLSRP EELEAEAVFRAITIASQTNCPLYVTKVMSKSAADLISQARKKGNVVFGEPIT ASLGID GTHYWSKNWAKAAAFVTSPPLSPDPTTPDYINSLLASGDLQLSGSAHCTFSTAQKAI GKDNFTA IPEGTNGVEERMSVIWDKAVATGKMDENQFVAVTSTNAAKIFNLYPRKG RISVGSDSDLVIWDPDAVKIV SAKNHQSAAEYNIFEGMELRGAPLVVICQGKIMLED GNLHVTQGAGRFIPCSPFSDYVYKRIKARRKMAD LHAVPRGMYDGPVFDLTTTPKG GTPAGSARGSPTRPNPPVRNLHQSGFSLSGTQVDEGVRSASKRIVAPP GGRSNITSLSTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	DPYSL3 dihydropyrimidinase like 3 [Homo sapiens (human)]
Official Symbol	DPYSL3
Synonyms	DRP3; ULIP; CRMP4; DRP-3; LCRMP; CRMP-4; ULIP-1

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Gene ID	1809
mRNA Refseq	NM_001387.3
Protein Refseq	NP_001378.1
MIM	601168
UniProt ID	Q14195



Coomassie blue staining of purified DPYSL3 protein.

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