

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 NGKMPVIPGGIDVHTHFQMPYKGMTTVDDFFQGTKAALAGGTTMIIDHVPEPESSLT EAYEKWREWADGKSCCDYALHVDITHWNDSVKQEVQNLIKDKGVNSFMVYMAYKD LYQVSNTELYEIFTCLGELGAIAQVHAENGDIIAQEQTMRLEMGITGPEGHVLSRPEE LEAEAVFRAITIASQTNCPLYVTKVMSKSAADLISQARKKGNVVFGEPIATSLGIDGTH YWSKNWAKAAAFVTSPPLSPDPTTPDYINSLLASGDLQLSGSAHCTFSTAQKAIGKD 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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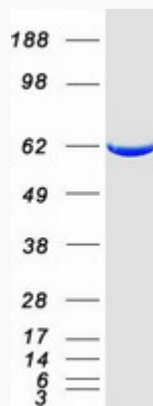
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UniProt ID

Q14195

SDS-PAGE

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