

Recombinant Human DPYSL5 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DPYSL5-1721H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DPYSL5 MS Standard C13 and N15-labeled recombinant protein (NP_064519) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the CRMP (collapsing response mediator protein) family thought to be involved in neural development. Antibodies to the encoded protein were found in some patients with neurologic symptoms who had paraneoplastic syndrome. A pseudogene of this gene is found on chromosome 11. Multiple alternatively spliced variants, encoding the same protein, have been identified.
Molecular Mass	61.4 kDa
AA Sequence	MLANSASVRILIKGGKVVNDCTHEADVYIENGIIQQVGRELMIPGGAKVIDATGKLVI PGGIDTSTHFHQTFMNATCVDDFYHGTKAALVGGTMIIGHVLPDKETSLVDAYEKC RGLADPKVCCDYALHVGITWWAPKVKAEMETLVREKGVNSFQMFMTYKDLYMLRD SELYQVLHACKDIGAIARVHAENGELVAEGAKEALDLGITGPEGIEISRPEELEAEATH RVITIANRTHCPIYLVNVSSISAGDVIAAAKMQGKVVLAETTTAHATLTGLHYYHQDW SHAAAYVTVPLRLDTNTSTYLMSELLANDTLNIVASDHRPFTTKQKAMGKEDFTKIPH GVSGVQDRMSVIWERGTVGGKMDENRFVAVTSSNAAKLLNLYPRKGRIIPGADADV

 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

VVWDPEATKTISASTQVQGGDFNLYENMRCHGVPLVTISRGRVYENGVMCAEG
 TGKFCPLRSFPD TVYKKLVQREKTLKVRGVDRTPYLGDVAVVVHHPGKKEMGTPLAD
 TPTRPVTRHGGMRDLHESSFSLSGSQIDDHVPKRASARILAPPGGRSSGIWTRTRP
 LEQKLISEEDLAANDILDYKDDDDKV

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 DPYSL5 dihydropyrimidinase-like 5 [Homo sapiens (human)]

Official Symbol DPYSL5

Synonyms DPYSL5; dihydropyrimidinase-like 5; dihydropyrimidinase-related protein 5; CRAM; CRMP 5; CRMP5; Ulip6; DRP-5; ULIP-6; CRMP3-associated molecule; UNC33-like phosphoprotein 6; collapsin response mediator protein 5; collapsin response mediator protein-5; CRMP-5; FLJ45383;

Gene ID 56896

mRNA Refseq NM_020134

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Protein Refseq	NP_064519
MIM	608383
UniProt ID	Q9BPU6

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