

Recombinant Full Length Human DPYSL5 Protein, C-Flag-tagged

Cat. No. DPYSL5-291HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human DPYSL5 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	61.2 kDa
AA Sequence	MLANSASVRILIKGGKVVNDCTHEADVYIENGIQQVGRELMIPGGAKVIDATGKLVIPGGIDTSTHFH QTFMNATCVDDFYHGTKAALVGGTTMIIGHVLPDKETSLVDAYEKC RGLADPKVCCDYALHVGITWWAPK VKAEMETLVREKGVNSFQMFMTYKDLYMLRD SELYQVLHACKDIGAIARVHAENGELVAEGAKEALDLGI TGPEGIEISRPEELEAEAT HRVITIANRTHCPIYLVNVSSISAGDVIAAAKMQGKVVLAETTTAATLTG LHYYHQD WSHAAAYVTPPLRLDTNTSTYLMSLLANDTLNIVASDHRPFTTKQKAMGKEDFTKI

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PHGVSG VQDRMSVIWERG VVGGKMDENRFVAVTSSNAAKLLNLYPRKGRIIPGAD
 ADVVVWDPEATKTISASTQVQ GGDFNLYENMRCHGVPLVTISRGRVVYENGVMFC
 AEGTGKFCPLRSFPD TVYK KLVQREKTLKVRGVDRT PYLGDVAVVVHPGKKEMGT
 PLADTPTRPVTRHGGMRDLHESSFSLSGSQIDDHVPKRASARILAPPGGRS
 SGIWTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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.

Protein Pathways Axon guidance

Full Length Full L.

GENE INFORMATION

Gene Name DPYSL5 dihydropyrimidinase like 5 [Homo sapiens (human)]

Official Symbol DPYSL5

Synonyms CV2; CRAM; CRMP5; RTSC4; Ulip6; CRMP-5

Gene ID 56896

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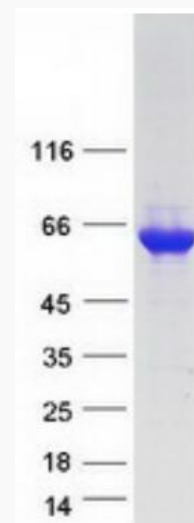
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mRNA Refseq [NM_020134.4](#)

Protein Refseq [NP_064519.2](#)

MIM [608383](#)

UniProt ID [Q9BPU6](#)



Coomassie blue staining of purified DPYSL5 protein.

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