

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	MLANSASVRILIKGGKVVNDDCTHEADVYIENGIIQQVGRELMIPGGAKVIDATGKLVI PGGIDTSTHFH QTFMNATCVDDFYHGTKAALVGGTTMIIGHVLPDKETSLVDAYEKC RGLADPKVCCDYALHVGITWWAPK VKAEMETLVREKGVNSFQMFMTYKDLYMLRD SELYQVLHACKDIGAIARVHAENGELVAEGAKEALDLGI TGPEGIEISRPEELEAEAT HRVITIANRTHCPIYLVNVSSISAGDVIAAAKMQGKVLAETTTAHATLTG LHYYHQD WSHAAAYVTVPLRLDTNTSTYLMSSLLANDTLNIVASDHRPFTTKQKAMGKEDFTKI

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PHGVSG VQDRMSVIWERG VVGKMDENRFVAVTSSNAAKLLNLYPRKGRIIPGAD
 ADVVWDPEATKTISASTQVQ GGDFNLYENMRCHGVPLVTISRGRVVYENGVMC
 AEGTGKFCPLRSFPD TVYKKLVQREKTLKVRGVDRT 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

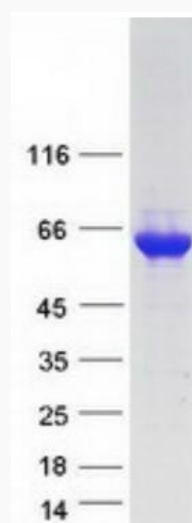
Gene Name	DPYSL5 dihydropyrimidinase like 5 [Homo sapiens (human)]
Official Symbol	DPYSL5
Synonyms	CV2; CRAM; CRMP5; RTSC4; Ulip6; CRMP-5
Gene ID	56896

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mRNA Refseq	NM_020134.4
Protein Refseq	NP_064519.2
MIM	608383
UniProt ID	Q9BPU6



Coomassie blue staining of purified DPYSL5 protein.