

Recombinant Human DPYSL5, GST-tagged

Cat. No. DPYSL5-12160H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DPYSL5 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	265-564
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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	DPYSL5 dihydropyrimidinase-like 5 [Homo sapiens]
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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_001253723
Protein Refseq	NP_001240652
MIM	608383
UniProt ID	Q9BPU6
Chromosome Location	2p23.3
Pathway	Axon guidance, organism-specific biosystem; Axon guidance, conserved biosystem; Axon guidance, organism-specific biosystem; CRMPs in Sema3A signaling, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Semaphorin interactions, organism-specific biosystem;
Function	hydrolase activity, acting on carbon-nitrogen (but not peptide) bonds, in cyclic amides;