

## 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<sub>2</sub>HPO<sub>4</sub>, 17mM NaH<sub>2</sub>PO<sub>4</sub>, 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

**Gene Name** DPYSL5 dihydropyrimidinase-like 5 [ Homo sapiens ]

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Official Symbol</b>	DPYSL5
<b>Synonyms</b>	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;
<b>Gene ID</b>	<a href="#">56896</a>
<b>mRNA Refseq</b>	<a href="#">NM_001253723</a>
<b>Protein Refseq</b>	<a href="#">NP_001240652</a>
<b>MIM</b>	<a href="#">608383</a>
<b>UniProt ID</b>	<a href="#">Q9BPU6</a>
<b>Chromosome Location</b>	2p23.3
<b>Pathway</b>	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;
<b>Function</b>	hydrolase activity, acting on carbon-nitrogen (but not peptide) bonds, in cyclic amides;

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