

Recombinant Human DPYSL5 protein, His-tagged

Cat. No. DPYSL5-1276H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DPYSL5 aa. (Met1~Ala205 fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~Ala205
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	Freeze-dried powder
Molecular Mass	27kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>98%
Characteristic	The isoelectric point is 5.6.

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Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200µg/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	DPYSL5 dihydropyrimidinase like 5 [Homo sapiens (human)]
Official Symbol	DPYSL5
Synonyms	DPYSL5; dihydropyrimidinase like 5; CRAM; CRMP5; Ulip6; CRMP-5; dihydropyrimidinase-related protein 5; CRMP3-associated molecule; DRP-5; ULIP-6; UNC33-like phosphoprotein 6; collapsin response mediator protein-5
Gene ID	56896
mRNA Refseq	NM_001253723.1

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Protein Refseq	NP_001240652.1
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UniProt ID	Q9BPU6
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