

Recombinant Human DPYSL3, His-tagged

Cat. No. DPYSL3-26940TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 1-539 of Human CRMP4 with an N terminal His tag. MWt ~62 kDa,
Species	Human
Source	E.coli
ProteinLength	1-539 a.a.
Description	Dihydropyrimidinase-related protein 3 is an enzyme that in humans is encoded by the DPYSL3 gene.
Conjugation	HIS
Form	Liquid
Storage buffer	Preservative: None Constituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	(Amino acid sequence (Sequence determined by 5 Sequencing))MSYQGKKNIPRITS DRLLIKGGRIVN DDQSFYADIYMEDGLIKQIGDNLIVPGGVKTIEANGKM VIPGGIDV HTHFQMPYKGMTTVDFFQGTAAALAGGTTMI IDHVVPEPESSLTEAYEKWREWA DGKSCCDYALHVDIT HWNDSVKQEVQNLIKDKGVNSFMVYMAYKDLYQVSNTELY

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EIFTCLGELGAIAQVHAENGDIIAQEQTRMLEMGITGP EGHVLSRPEELEAEAVFRAI
 TIASQTNCPLYVTKVMSK SAADLISQARKKGNVVFGEPIASLGIDGTHYWSKNWAK
 A AAFVTSPPLSPDPTTPDYINSLASGDLQLSGSAHCTF STAQKAIGKDNFTAPEG
 TNGVEERMSVIWDKAVATGK MDENQFVAVTSTNAAKIFNLYPRKGRISVGSDSDLVI
 WDP DAVKIVSAKNHQSAAEYNIFEGMELRGAPLVVICQGKI MLEDGNLHVTQGAGR
 FIPCSPFSDYVYKRIKARRKMADLH AVPRGMYDGPVFDLTTTPKGGTPAGSARGSP
 TRPNPPV RNLHQSGFS

GENE INFORMATION

Gene Name	DPYSL3 dihydropyrimidinase-like 3 [Homo sapiens]
Official Symbol	DPYSL3
Synonyms	DPYSL3; dihydropyrimidinase-like 3; dihydropyrimidinase-related protein 3; CRMP4; DRP 3; ULIP;
Gene ID	1809
mRNA Refseq	NM_001197294
Protein Refseq	NP_001184223
MIM	601168
Uniprot ID	Q14195
Chromosome Location	5q32
Pathway	Axon guidance, organism-specific biosystem; CRMPs in Sema3A signaling,

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organism-specific biosystem; Developmental Biology, organism-specific biosystem;
Semaphorin interactions, organism-specific biosystem;

Function

dihydropyrimidinase activity; phosphoprotein binding;

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