

## Recombinant Human DPYSL4, His-tagged

**Cat. No.** DPYSL4-26938TH    **Lot. No.** (See product label)

### SPECIFICATION

|                                 |                                                                                                                                                                                                                                                          |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>         | Recombinant fragment, corresponding to amino acids 258-561 of Human CRMP3 with a N terminal His tag; predicted MWt 35 kDa:                                                                                                                               |
| <b>Species</b>                  | Human                                                                                                                                                                                                                                                    |
| <b>Source</b>                   | E.coli                                                                                                                                                                                                                                                   |
| <b>ProteinLength</b>            | 258-561 a.a.                                                                                                                                                                                                                                             |
| <b>Description</b>              | Dihydropyrimidinase-related protein 4 is an enzyme that in humans is encoded by the DPYSL4 gene.                                                                                                                                                         |
| <b>Conjugation</b>              | HIS                                                                                                                                                                                                                                                      |
| <b>Form</b>                     | Lyophilised:reconstitution with 64 µl aqua dest.                                                                                                                                                                                                         |
| <b>Storage buffer</b>           | Preservative: None<br>Constituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5                                                                                                                                        |
| <b>Storage</b>                  | Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.                                                                                                                                                                    |
| <b>Sequences of amino acids</b> | KGAADAIAQAKRRGVVVFGEPI TASLGTDGSHYWSKNWAK AA AFVTSP PVNPDP TT<br>ADHLTCLLSSGDLQVTGSAHCT FTTAQKAVGKDNFALIPEGTNGIEERMSMVWEKC<br>VASG KMDENEFVAVTSTNAAKIFNFYPRKGRVAVGSDADLVI WNPKATKIISAKTHN<br>LNVEYNIFEGVECRGAPAVVISQGR VALEDGKMFVTPGAGR FVPRKTFPDFVYKRIK |

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ARNRLA EIHGVPRGLYDGPVHEVMVPAKPGSGAPARASCPGKIS VPPVRNLHQSG  
FSLSGSQADDHIARRTAQKIMAP

**Sequence  
Similarities**

Belongs to the DHOase family. Hydantoinase/dihydropyrimidinase subfamily.

## GENE INFORMATION

**Gene Name** DPYSL4 dihydropyrimidinase-like 4 [ Homo sapiens ]

**Official Symbol** DPYSL4

**Synonyms** DPYSL4; dihydropyrimidinase-like 4; dihydropyrimidinase-related protein 4; DRP 4; ULIP4;

**Gene ID** 10570

**mRNA Refseq** NM\_006426

**Protein Refseq** NP\_006417

**MIM** 608407

**Uniprot ID** O14531

**Chromosome  
Location** 10q25.2-q26

**Pathway** Axon guidance, organism-specific biosystem; CRMPs in Sema3A signaling, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Semaphorin interactions, organism-specific biosystem;

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**Function**

hydrolase activity, acting on carbon-nitrogen (but not peptide) bonds, in cyclic amides;

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