

Recombinant Human DPYSL3 Protein, His-tagged

Cat. No. DPYSL3-1379H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human DPYSL3 Protein (Asn356-Arg550) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Asn356-Arg550
Description	Enables filamin binding activity. Predicted to be involved in several processes, including actin filament organization; regulation of plasma membrane bounded cell projection organization; and response to axon injury. Predicted to act upstream of or within nervous system development. Predicted to be located in several cellular components, including cell body; growth cone; and lamellipodium. Predicted to be part of filamentous actin. Predicted to be active in synapse. Predicted to colocalize with exocytic vesicle.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 24.9 kDa Accurate Molecular Mass: 28 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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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 centigrade 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 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	DPYSL3 dihydropyrimidinase-like 3 [Homo sapiens (human)]
Official Symbol	DPYSL3
Synonyms	DPYSL3; dihydropyrimidinase-like 3; dihydropyrimidinase-related protein 3; CRMP4; DRP 3; ULIP; unc-33-like phosphoprotein 1; collapsin response mediator protein 4 long; DRP3; DRP-3; LCRMP; CRMP-4; ULIP-1;
Gene ID	1809
mRNA Refseq	NM_001197294
Protein Refseq	NP_001184223
MIM	601168
UniProt ID	Q14195

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