

Datasheet for ABIN7547235  
**DPYSL2 Protein (AA 1-572) (His tag)**



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## Overview

Quantity:	1 mg
Target:	DPYSL2
Protein Characteristics:	AA 1-572
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DPYSL2 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant DPYSL2 Protein expressed in mammalian cells.
Sequence:	<p>MSYQGKKNIP RITSDRLLIK GGKIVNDDQS FYADIYMEDG LIKQIGENLI VPGGVKTIEA</p> <p>HSRMVIPGGI DVHTRFQMPD QGMTSADDDFF QGTKAALAGG TTMIIDHVVP EPGTSLLAFF</p> <p>DQWREWADSK SCCDYSLHVD ISEWHKGIQE EMEALVKDHG VNSFLVYMAF KDRFQLTDCQ</p> <p>IYEVLSVIRD IGAIQVHAE NGDIAEEQQ RILDLGITGP EGHVLSRPEE VEAEAVNRAI TIANQTNCP</p> <p>YITKVMSKSS AEVIAQARKK GTVVYGEPI T ASLGTDGSHY WSKNWAKAAA FVTSPPLSPD</p> <p>PTTPDFLNSL LSCGDLQVTG SAHCTFNATQ KAVGKDNFTL IPEGTNGTEE RMSVIWDKAV</p> <p>VTGKMDENQF VAVTSTNAAK VFNLYPRKGR IAVGSDADLV IWDPDVSKTI SAKTHNSSLE</p> <p>YNIFEGMECR GSPLVVISQG KIVLEDGTLH VTEGSGRYIP RKPFPDFVYK RIKARSRLAE</p> <p>LRGVPRGLYD GPVCEVSVTP KTVTPASSAK TSPAKQQAPP VRNLHQSGFS LSGAQIDN</p> <p>PRRTTQRIVA PPGGRANITS LG <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b></p>

## Product Details

Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	<p><b>Key Benefits:</b></p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

## Target Details

Target:	DPYSL2
Alternative Name:	DPYSL2 ( <a href="#">DPYSL2 Products</a> )
Background:	<p>Dihydropyrimidinase-related protein 2 (DRP-2) (Collapsin response mediator protein 2) (CRMP-2) (N2A3) (Unc-33-like phosphoprotein 2) (ULIP-2),FUNCTION: Plays a role in neuronal development and polarity, as well as in axon growth and guidance, neuronal growth cone collapse and cell migration. Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. May play a role in endocytosis.</p> <p>{ECO:0000269 PubMed:11477421, ECO:0000269 PubMed:15466863, ECO:0000269 PubMed:20801876}.</p>
Molecular Weight:	62.3 kDa
UniProt:	<a href="#">Q16555</a>
Pathways:	<a href="#">Regulation of Cell Size</a>

## Application Details

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Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months