

Datasheet for ABIN7562265
DPYSL4 Protein (AA 1-572) (His tag)



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Overview

Quantity:	1 mg
Target:	DPYSL4
Protein Characteristics:	AA 1-572
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DPYSL4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Dpysl4 Protein expressed in mammalian cells.
Sequence:	<p>MSFQGKKSIP RITSDRLLIK G GKIVNDDQS FHADLYVEDG LIKQIGENLI VPGGIKTIDA HGLMVLPGGV DVHTRLQMPV MGMTPADDFC QGTKAALAGG TTMILDHVFP DAGVSLLAAY EQWRERADSA ACCDYSLHVD IPRWHESTKE ELEALVRDKG VNSFLVMAY KDRCQCTDGQ IYEIFSLIRD LGAVAQVHAE NGDIVEEEQK RLLEQGITGP EGHVLSHPPEE VEA EAVYRAV TIAKQANCPL YVTKVMSKGA ADMVAQAKRR GVVVFGEPI T ASLGT D GSHY WSKN WAKAAA FVTSPINPD PTTADHLTSL LSSGDLQVTG SAHCTFTTAQ KAVGKDNFTL IPEGVNGIEE RMSVVWEKCV ASGKMDENEF VAVTSTNAAK IFNFYPRKGR VAVGSDADLV IWNPRATKVF SAKSHNLNVE YNIFEGVECR GVPTVVISQG RVVLEDGNLL VTPGAGRFIP RKTFFPDFVYK RIKARNRLAE IHGVPRGLYD GPVHEVMLPA KPGSGTQARA SCSGKISVPP VRNLHQSGFS LSGSQADDHI ARRTAQKIMA PPGGRSNITS LS 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</p>

Product Details

contact us.

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: Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

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.

If you are not interested in a full length protein, please contact us for individual protein fragments.

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.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: DPYSL4

Alternative Name: Dpysl4 ([DPYSL4 Products](#))

Background: Dihydropyrimidinase-related protein 4 (DRP-4) (Collapsin response mediator protein 3) (CRMP-3) (UNC33-like phosphoprotein 4) (ULIP-4),FUNCTION: Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. Plays a role in axon guidance, neuronal growth cone collapse and cell migration (By similarity). {ECO:0000250}.

Molecular Weight: 62.0 kDa

UniProt: [O35098](#)

Application Details

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

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
