

Datasheet for ABIN7562015  
**DPY19L1 Protein (AA 1-746) (His tag)**



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## Overview

Quantity:	1 mg
Target:	DPY19L1
Protein Characteristics:	AA 1-746
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DPY19L1 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Dpy19l1 Protein expressed in mammalian cells.
Sequence:	MVLQARSKHR DAAPRPPRSA RSSPPPLSGA SEVDAGELGS ERTPPSPGRR GAAGRKGPRAGTAAPAPDGL AGRLAAGLHW ALGLRRGRGR TWSTLLLASF AALLHWSHIT HLFENDRHFS HLSTLEREMA FRTEMLGLYS YFKTIVEAPS FLNGVWMIMN DKLTEYPLVI NTLKRFNLYP EVILASWYRI YTKIMDLIGI QTKICWTVTR GEGLSPIESC EGLGDPACFY VAVIFMLNGL MMALFFIYGT YLSGSRLGGV VTVLCFFFNH GECTRVMWTP PLRESFSYPF LVLQMLLVTH ILRAPELCRG SLIALCISNV LFMLPWQFAQ FVLLTQIASL FAVYVVGID THKLQKIYM HMISLVLCFV LMFGNSMLLT SYYASSLVII WGMLAMKPQF LRMNVSELSL WVIQCGWLF GTVILKSVTS RIFGIADDAH IGNLLTSKFF SYKDFDTLLY TCAAEDFME KETPLRYTKT LLLPVVLVTV AAIVRKIFND MRGVVAKQRT HTRKQQFEHG ELVYHALQLL AYTALGVLIM RLKFLTPHM CVMASLICSR QLFGWLFQKV HPGAVVFAIL AAMSIQGSAN LQTQWNIVGE FSNLPQEELI EWIRYSTKPD AVFAGAMPTM ASVKLSALRP VVNHPHYEDA GLRARTKIVY SMYSRKAPED VKKELMCLKV NYYILEESWC IRRSKPGCSM PEIWDVEDPD NAGKTPLCNI

## Product Details

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LVKDSKPHFT TVFQNSVYKV LEVLRQ **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.**

**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

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**Target:** DPY19L1

**Alternative Name:** Dpy19l1 ([DPY19L1 Products](#))

**Background:** Protein C-mannosyl-transferase DPY19L1 (EC 2.4.1.-) (Dpy-19-like protein 1) (Protein dpy-19 homolog 1),FUNCTION: C-mannosyltransferase that mediates the C-mannosylation tryptophan residues on target proteins. The reaction occurs on the luminal side of the endoplasmic reticulum and involves the transfer of a mannose unit from a dolichylphosphate mannose (Dol-P-Man) donor to an acceptor protein containing a WxxW consensus sequence (PubMed:28202721). C-mannosylates the first two tryptophans in the WxxWxxWxxC sequence motif in thrombospondin (TSP) type-1 repeats of UNC5A (PubMed:28202721). Regulates neurite extension during development (PubMed:27959946, PubMed:28202721).

## Target Details

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{ECO:0000269|PubMed:27959946, ECO:0000269|PubMed:28202721}.

Molecular Weight: 84.2 kDa

UniProt: [A6X919](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

## 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