

Datasheet for ABIN7562815  
**DPY19L2 Protein (AA 1-773) (His tag)**



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## Overview

Quantity:	1 mg
Target:	DPY19L2
Protein Characteristics:	AA 1-773
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DPY19L2 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Dpy19l2 Protein expressed in mammalian cells.
Sequence:	<p>MVGPTRSKLR EGSSDRPQSS CTGQARRRWS AATMEPQQR SAPQERTKWS LLQHFLLGGR          KLPSGARNYA ARRIQSLNAQ NYFQLEEVAK LLLLNRQFL FTLLDHFREK VQALQMHRFS          HRTLFGLAIF VGILHWLHLI TLFENDHHFS HLSSLEREMT FRTEMGLYYS YFKTIIIEAPS          FLEGLWMIMN DRLTEYPLVI NTVKRFHLYP EVVIAYWYRT IIGIMNLFGI ETKTCWNVTR          MEPLNEVQSC EGLGDPACFY IGVIFILNGL MMGLFFIYST YLSGSQLGGL ITVACYFFNH          GEATRVMWTP PLRESFSYPF LVLQMYILTI ILRTSTVHKK HYMALCFSNV AFMLPWQFAQ          FILFTQIASL FPMYVVGYIE PSKFQKIIYV NMSSVALCFI LMFGNSMYLS SYYSSCLLVT          WAIMQKSKI QKLGTELQF WLIQGCFFWC GTIILKFLTS KICGVSDHIR LSDLIAARIL          RYTDFTLIY TCAPEFDFME QATPLRYIKT LLLPLILVIT YLIFKKIVRD IMCVLYTNTY          VRKQLLDNAE LIFHTLQLLA FTGLAILIMR LKLFLTPHMC IMASLICSQR LFGWLFCEIH          FENVVFGILT MMSIQGCANL HNQWSIMGEF TNLPQEELIH WIKHSTRPDA VFAGAMPTMA          SIKLSTLRPI VNHPHYEDAD LRARTKIVYS VYSRKSAREV RNNLLKLHVN YVLEEAWCV</p>

## Product Details

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VRTKPGCSML EIWDVEDPSN AANPPLCSIL LKDSRPYFTT VFQNSMYRVL KIN **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:** DPY19L2

**Alternative Name:** Dpy19l2 ([DPY19L2 Products](#))

**Background:** Probable C-mannosyltransferase DPY19L2 (EC 2.4.1.-) (Dpy-19-like protein 2) (Protein dpy-19 homolog 2),FUNCTION: Probable C-mannosyltransferase that mediates C-mannosylation of tryptophan residues on target proteins. {ECO:0000250|UniProtKB:P34413}., FUNCTION: Required during spermatogenesis for sperm head elongation and acrosome formation. Also plays a role in acrosome attachment to the nuclear envelope. {ECO:0000269|PubMed:22764053, ECO:0000269|PubMed:34471926}.

## Target Details

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Molecular Weight: 89.9 kDa

UniProt: [P0CW70](#)

## 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