

Datasheet for ABIN7558154

DPY19L3 Protein (AA 1-716) (His tag)



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Overview

Quantity:	1 mg
Target:	DPY19L3
Protein Characteristics:	AA 1-716
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DPY19L3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Dpy19l3 Protein expressed in mammalian cells.
Sequence:	<p>MMYIRQRKET KPIEVSEDFP SPKEDVKLEK KLPSGCASGR FWKILSSAVG GTVALCIGLL TSVYLATLHE NDLWFSNIKE VEREISFRTE CGLYYSYYKQ MLQAPTLLQG FHGLIYDNKT ESMRTINLLQ RMNIYQEVFL SVLYRVLPIQ KYLEPVYFYI YTLFGLQAVY VTALYITSWL LSGTWLSGLL AALWYVTNRI DTTRVEFTIP LRENWALPFF AIQIAAITYF LRPNLQPLSE RLTLAIFVS TFLFSLTWQF NQFMMLLQAL VLFILDSLDM LPAMKATWLY GIQISCLLLV CTLQFFNSMI LGSLLISFNL SVLIVRKLQK NLKTGSFLTR IWKLLLHLLL VFCLTLFLNN IHKVLNLKS DEHIFKFLKA KFGFGATRDF DANLYLCEEA FGLPLNTFQ RLSETLLFYA YMFVLVVTVV TASVVAFHNL SDSTSLKSMD QTRKRAVDLK PEAAYNLIHT ILFGVLALST MRMKYLWTSV MCVFASFGLC SSEVWELLRL LVHLCNPKRI WVLRYLVPVL TLLYLCYKSW PGVMDELSEL KEFYDPDVE LMTWINSNTP RKAVFAGSMQ LLAGVKLCTG RLTNHPHYE DKSLRERTQA VYQIYAKRSP EEVHALLRSF GTDFVILEDS ICYERRHHRG CRLRDLLDVA NGHEMDGPGE SDPDLRPADH PRFCEEIKRN LPSYAAHFTR VFQNKTFHVY KLSRNK Sequence</p>

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

Target: DPY19L3

Alternative Name: Dpy19l3 ([DPY19L3 Products](#))

Background: Protein C-mannosyl-transferase DPY19L3 (EC 2.4.1.-) (Dpy-19-like protein 3) (Protein dpy-19 homolog 3),FUNCTION: C-mannosyltransferase that mediates C-mannosylation of 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 or WxxC consensus sequence (PubMed:28202721). C-mannosylates RSP01, a Wnt signaling regulator, preferentially at the first Trp residue in the sequence WxxW (By similarity). C-mannosylates the netrin receptor UNC5A, preferentially at the third tryptophan of WxxWxxWxxC sequence (PubMed:28202721).

Target Details

	{ECO:0000250 UniProtKB:Q6ZPD9, ECO:0000269 PubMed:28202721}.
Molecular Weight:	83.0 kDa
UniProt:	Q71B07

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