

Datasheet for ABIN7547002
DPY19L1 Protein (AA 1-675) (His tag)



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Overview

Quantity:	1 mg
Target:	DPY19L1
Protein Characteristics:	AA 1-675
Origin:	Human
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:	<p>MEGRPPPEGR PPRPRTGRA PRGRRRAVFA AVLHWSHITH LFENDRHFSH LSTLEREMAF RTEMGLYYSY FKTIVEAPSF LNGVWMIMND KLTEYPLVIN TLKRFNLYPE VILASWYRIY TKIMDLIGIQ TKICWTVTRG EGLSPIESCE GLGDPACFYV AVIFILNGLM MALFFIYGTY LSGSRLGGLV TVLCFFFNHG ECTRMWTPP LRESFSYPFL VLQMLLVTHI LRATKLYRGS LIALCISNVF FMLPWQFAQF VLLTQIASLF AVYVVGYIDI CKLRKIIYIH MISLALCFVL MFGNSMLLTS YYASSLVIW GILAMKPHFL KINVSELSLW VIQGCFWLFV TVILKYLTSK IFGIADDAHI GNLLTSKFFS YKDFDTLLYT CAAEFDFMEK ETPLRYTKTL LLPVVLVVFV AIVRKIISDM WGVLAQQTTH VRKHQFDHGE LVYHALQLLA YTALGILIMR LKFLTPHMC VMASLICSRQ LFGWLFCKVH PGAIVFAILA AMSIQGSANL QTQWNIVGEF SNLPQEELIE WIKYSTKPDA VFAGAMPTMA SVKLSALRPI VNHPHYEDAG LRARTKIVYS MYSRKAAEEV KRELIKLVN YYILEESWCV RRSKPGCSMP EIWDVEDPAN AGKTPLCNLL VKDSKPHFTT VFQNSVYKVL EVVKE Sequence without tag. The proposed Purification-Tag is based on</p>

Product Details

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: 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 (By similarity). C-mannosylates the first two tryptophans in the WxxWxxWxxC motif in thrombospondin (TSP) type-1 of UNC5A (By similarity). Regulates neurite extension during development (By similarity). {ECO:0000250|UniProtKB:A6X919}.

Target Details

Molecular Weight:	77.3 kDa
UniProt:	Q2PZ11
Pathways:	SARS-CoV-2 Protein Interactome

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