

DPY19L3 Blocking Peptide(N-term)
Synthetic peptide
Catalog # BP19879A**Specification**

DPY19L3 Blocking Peptide(N-term) - Product Information

Primary Accession [O6ZPD9](#)
Other Accession [NP_997208.1](#)

DPY19L3 Blocking Peptide(N-term) - Additional Information

Gene ID 147991

Other Names

Probable C-mannosyltransferase DPY19L3, 241-, Dpy-19-like protein 3, Protein dpy-19 homolog 3, DPY19L3

Target/Specificity

The synthetic peptide sequence is selected from aa 5-18 of HUMAN DPY19L3

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

DPY19L3 Blocking Peptide(N-term) - Protein Information

Name DPY19L3

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:26764097, PubMed:29405629). C-mannosylates RSPO1, a Wnt signaling regulator, preferentially at the first Trp residue in the sequence WxxW (PubMed:26764097, PubMed:29405629). C-mannosylates the netrin receptor UNC5A, preferentially at the third tryptophan of WxxWxxWxxC sequence (By similarity).

Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein

Tissue Location

Widely expressed..

DPY19L3 Blocking Peptide(N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

DPY19L3 Blocking Peptide(N-term) - Images

DPY19L3 Blocking Peptide(N-term) - Background

The function of this protein is unknown.