

**PLP2 Blocking Peptide (C-term)**  
**Synthetic peptide**  
**Catalog # BP21491b****Specification**

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**PLP2 Blocking Peptide (C-term) - Product Information**Primary Accession [Q04941](#)**PLP2 Blocking Peptide (C-term) - Additional Information****Gene ID** 5355**Other Names**

Proteolipid protein 2, Differentiation-dependent protein A4, Intestinal membrane A4 protein, PLP2, A4

**Target/Specificity**

The synthetic peptide sequence is selected from aa 133-146 of HUMAN PLP2

**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.

**PLP2 Blocking Peptide (C-term) - Protein Information****Name** PLP2**Synonyms** A4**Function**

May play a role in cell differentiation in the intestinal epithelium.

**Cellular Location**

Membrane; Multi-pass membrane protein.

**Tissue Location**

Enriched in colonic mucosa. The expression of A4 follows a gradient along the crypto-villus axis with the most abundant message occurring in the lower half of the crypt

**PLP2 Blocking Peptide (C-term) - Protocols**

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

- [Blocking Peptides](#)

#### **PLP2 Blocking Peptide (C-term) - Images**

#### **PLP2 Blocking Peptide (C-term) - Background**

May play a role in cell differentiation in the intestinal epithelium.

#### **PLP2 Blocking Peptide (C-term) - References**

Oliva M.M.,et al.Arch. Biochem. Biophys. 302:183-192(1993).  
Fisher S.E.,et al.Genomics 45:340-347(1997).  
Kimura K.,et al.Genome Res. 16:55-65(2006).  
Ross M.T.,et al.Nature 434:325-337(2005).  
Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).