



## PLIN3 blocking peptide (CDBP6281)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

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| <b>Antigen Description</b> | Mannose 6-phosphate receptors (MPRs) deliver lysosomal hydrolase from the Golgi to endosomes and then return to the Golgi complex. The protein encoded by this gene interacts with the cytoplasmic domains of both cation-independent and cation-dependent MPRs, and is required for endosome-to-Golgi transport. This protein also binds directly to the GTPase RAB9 (RAB9A), a member of the RAS oncogene family. The interaction with RAB9 has been shown to increase the affinity of this protein for its cargo. Multiple transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Aug 2009] |
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| <b>Conjugate</b> | Unconjugated |
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| <b>Applications</b> | Used as a blocking peptide in immunoblotting applications. |
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|               |        |
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| <b>Format</b> | Liquid |
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|                      |           |
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| <b>Concentration</b> | 200 µg/mL |
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|             |         |
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| <b>Size</b> | 0.05 mg |
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|                     |      |
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| <b>Preservative</b> | None |
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|                |       |
|----------------|-------|
| <b>Storage</b> | -20°C |
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### GENE INFORMATION

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| <b>Gene Name</b> | <a href="#">PLIN3 perilipin 3 [ Homo sapiens (human) ]</a> |
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|                        |       |
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| <b>Official Symbol</b> | PLIN3 |
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| <b>Synonyms</b> | PLIN3; perilipin 3; PP17; TIP47; M6PRBP1; perilipin-3; placental protein 17; 47 kDa MPR-binding protein; cargo selection protein TIP47; tail-interacting protein, 47 kD; mannose-6-phosphate receptor-binding protein 1 |
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| Entrez Gene ID | <a href="#">10226</a>        |
| mRNA Refseq    | <a href="#">NM_001164189</a> |
| Protein Refseq | <a href="#">NP_001157661</a> |
| UniProt ID     | O60664                       |
| Function       | protein binding              |