

Recombinant Human PLIN3, His-tagged

Cat. No. PLIN3-28660TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein, corresponding to amino acids 1-434 of Human M6PRBP1 with a His-Tag at N-terminus.
Species	Human
Source	E.coli
ProteinLength	1-434 a.a.
Description	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.
Conjugation	HIS
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: 0.002% Sodium Azide Constituents: 3mM Sodium chloride, 10mM Tris,

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	2.5mM Imidazole, pH 8.0
Storage	Aliquot and store at -80°C. Avoid repeated freeze / thaw cycles.
Sequence Similarities	Belongs to the perilipin family.
Full Length	Full L.
GENE INFORMATION	
Gene Name	PLIN3 perilipin 3 [Homo sapiens]
Official Symbol	PLIN3
Synonyms	PLIN3; perilipin 3; M6PRBP1, mannose 6 phosphate receptor binding protein 1; perilipin-3; cargo selection protein (mannose 6 phosphate receptor binding protein); MPR BINDING PROTEIN; 47 KD; placental protein 17; PP17; TIP47;
Gene ID	10226
mRNA Refseq	NM_001164189
Protein Refseq	NP_001157661
MIM	602702
Uniprot ID	O60664
Chromosome Location	19p13.3

Function

protein binding;

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