

Recombinant Human PLIN3 protein, MYC/DDK-tagged

Cat. No. PLIN3-320H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLIN3 fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
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.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	46.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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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; 47 kDa MPR-binding protein; cargo selection protein TIP47; tail-interacting protein, 47 kD; mannose-6-phosphate receptor-binding protein 1; M6PRBP1; MGC2012; MGC11117;
Gene ID	10226
mRNA Refseq	NM_005817
Protein Refseq	NP_005808
MIM	602702
UniProt ID	O60664
Chromosome Location	19p13.3
Function	protein binding;