

## Product datasheet for **TP508288**

### Plin1 (NM\_001113471) Mouse Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Purified recombinant protein of Mouse perilipin 1 (Plin1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

**Species:** Mouse

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >MR208288 representing NM\_001113471  
**Red**=Cloning site **Green**=Tags(s)

MSMNGPTLLDGDLPENLQRVLQLPVVSGTCECFQKTYNSTKEAHPVASVCNAYEKGAVQASNLAA  
WSMEPVVRRLLSTQFTAANELACRGLDHLEEKIPALQYPPEKIASLKGITSTRLSARNSISVPIASTSD  
KVLGATLAGCELALGMAKETAEYAAANTRVGRSLASGGADLALGSIEKVVEFLPPDKESAPSSGRQRTQKA  
PKAKPSLVRVSTLANTLSRHTMQTTAWALKQGHSLAMWIPGVAPLSSLAQWGASAAMQVVSRRQSEVRV  
PWLHNLAASQDESHDDQTDTEGEETDDEEEEESEAEENVLREVTALPNPRGLLGGVVHTVQNTLRNTIS  
AVTWAPAAVLGTVGRILHLTPAQAVSSTKGRAMSLSDALKGVTDNVVDTVVHYVPLPRLSLMEPESEFRD  
IDNPSAEAERKGSARPASPESTPRPGQPRGSLRSVGRSLAPSCPLDDKTEASARPGFLAMPREKPARR  
VSDSFFRPSVMEPILGRAQYSQLRKKS

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-MYC/DDK

**Predicted MW:** 56 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C after receiving vials.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

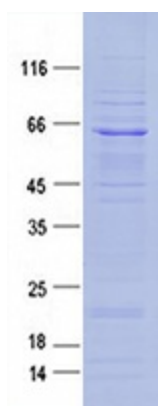
**RefSeq:** [NP\\_001106942](#)



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Locus ID:	103968
UniProt ID:	<a href="#">Q8CGN5</a>
RefSeq Size:	1879
Cytogenetics:	7 D2
RefSeq ORF:	1551
Synonyms:	6030432J05Rik; Peri; Plin
Summary:	Modulator of adipocyte lipid metabolism. Coats lipid storage droplets to protect them from breakdown by hormone-sensitive lipase (HSL). Its absence may result in leanness (By similarity). Plays a role in unilocular lipid droplet formation by activating CIDEC. Their interaction promotes lipid droplet enlargement and directional net neutral lipid transfer. May modulate lipolysis and triglyceride levels.[UniProtKB/Swiss-Prot Function]

### Product images:



Purified recombinant protein Plin1 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.