



# Recombinant Human Perilipin-1 (PLIN1), Escherichia Coli

<b>Product Code</b>	CSB-EP526447HU
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	O60240
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MAV NKGLTLL DGD LPEQENV LQRVLQLPVV SGTCECFQKT YTSTKEAHPL VASVCNAYEK GVQSASSLAA WSMEPVVRRLL STQFTAANEL ACRGLDHLEE KIPALQYPPE KIASLKDTI STRLRSARNS ISVPIASTSD KVLGAALAGC ELAWGVARDT AEFAANTRAG RLASGGADLA LGSIEKVVEY LLPPDKEESA PAPGHQQAQK SPKAKPSLLS RVGALTNTLS RYTVQTMARA LEQGHTVAMW IPGVVPLSSL AQWGASVAMQ AVSRRRSEVR VPWLHSLAAA QEEDHEDQTD TEGEDTEEEE ELETEENKFS EVAALPGPRG LLGGVAHTLQ KTLQTTISAV TWAPAAVLGM AGRVLHLTPA PAVSSTKGRA MSLSDAL KGV TDNVVDTVVH YVPLPRLSLM EPESEFRDID NPPAEVERRE AERRASGAPS AGPEPAPRLA QPRRSLRSAQ SPGAPPGPGL EDEVATPAAP RPGFPAVPRE KPKRRVSDSF FRPSVMEPIL GRTHYSQLRK KS
<b>Source</b>	E.coli
<b>Target Names</b>	PLIN1
<b>Protein Names</b>	Recommended name: Perilipin-1 Alternative name(s): Lipid droplet-associated protein
<b>Expression Region</b>	1-522
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This protein coats lipid storage droplets in adipocytes, thereby protecting them until they can be broken down by hormone-sensitive lipase. The encoded protein is the major cAMP-dependent protein kinase substrate in adipocytes and, when unphosphorylated, may play a role in the inhibition of lipolysis. Alternatively spliced transcript variants varying in the 5' UTR, but encoding the same protein, have been found for this gene.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a



concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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