



# Recombinant Rat Hepatic triacylglycerol lipase (Lipc)

<b>Product Code</b>	CSB-EP012974RA
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P07867
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>GGGVGTEP FGRNLGATEE RKPLQKPEIR FLLFKDESDR LGCQLRPQHP  ETLQCEGFNS SHPLVMIIHG WSDVGLLETW IWKIVGALKS RQSQPVNVGL  VDWISLAYQH YAIAVRNRV VGQEVAALLL WLEESMKFSR SKVHLIGYSL  GAHVSGFAGS SMGGKRKIGR ITGLDPAGPM FEGTSPNERL SPDDANFVDA  IHTFTREHMG LSVGIKQPIA HYDFYPNGGS FQPGCHFLEL YKHIAEHGLN  AITQTINCAH ERSVHLFIDS LQHSNLQNTG FQCSNMDSFS QGLCLNCKKG  RCNSLGYDIR RIGHVKSRTL FLITRAQSPF KVYHYQFKIQ FINQMEKPME  PTFTMTLLGT KEEIKKIPIT LGEGITSNKT YSLLITLNKD IGELIMLKFK  WENSAVWANV WNTVQTIMLW DTEPHYAGLI VKTIWVKAGE TQQRMTFCPD  NVDDLQLHPT QEKVFKCDL KSKD</p>
<b>Source</b>	E.coli
<b>Target Names</b>	Lipc
<b>Protein Names</b>	Recommended name: Hepatic triacylglycerol lipase Short name= HL Short name= Hepatic lipase EC= 3.1.1.3 Alternative name(s): Lipase member C
<b>Expression Region</b>	23-494
<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 of Mature Protein
<b>Target Details</b>	LIPC encodes hepatic triglyceride lipase, which is expressed in liver. LIPC has the dual functions of triglyceride hydrolase and ligand/bridging factor for receptor-mediated lipoprotein uptake.
<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.
<b>Shelf Life</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.