



# Recombinant Bovine Hepatic triacylglycerol lipase (LIPC)

<b>Product Code</b>	CSB-EP659651BO
<b>Abbreviation</b>	LIPC
<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>	Q3SZ79
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Bos taurus (Bovine)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>           QSLGPES FGRRSRAAET NKTPQETRRTK FLLFRGETDK GCQILLNHSD            TLQQCGFNSS LPLVMIVHGW LVDDILEDWV WEMVAALKSQ LAQSVNVGLA            EWVTLAHNHY TTAVRNTRLV GQEIAALLQW LQESVQFSPS HVHLIGYSLG            AHVSGFAGSY MSRKHKIGRI TGLDAAGPLF EKASLSDRLS PDDANFVDAI            HTFTWEHMGL SVGMKQPIAH YDFYPNGGSY QPGCHFLELY KHFAKHGLNA            ITRTVKCAHE RSVHLFIDSL LHADMQSMAY LCRDMDRFSQ GLCLSCKKGR            CNTLGYHTRQ ERQSKKSKSL FLVTRAQSPF KVYHYQFKIR FINQTENPVE            PTFTVSFLGT RGERQKIPIT LSKGITSNET YSFLITLDVD IGELIMIKFK            WENRMVWSNV WNTVQTIIPW GRGSLHSGLA LKSIRVKVGE TQQRMTFCSE            NMNDLLLHPA REKTFVRCEA NSETLKRKIR         </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>	24-500
<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.

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**Shelf Life**

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