



# Recombinant Rat Endothelial lipase (Lipg)

<b>Product Code</b>	CSB-EP851810RA
<b>Abbreviation</b>	Lipg
<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>	Q8VBX1
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	TLRPQGS LRDEHHKPTG VPVTITTKPS VTFNIRTSKD PEHEGCNLSL GDSKLENCG FNMTAKTFFI IHGWTMSGMF ESWLHKLKLSA LQTREKEANV VVVDWLPLAH QLYIDAVSNT RVVGRRVAGM LNWLQEKGEF SLGDVHLIGY SLGAHVAGYA GNFKVGTVGR ITGLDPAGPM FEGVDINRRL SPDDADFVDV LHTYTLSEGL SIGIRMPVGH IDIYPNGGDF QPGCGFNDVM GSFAYGTISE MVKCEHERAV HLFVDSLQVQ DKPSFAFQCT DPNRFKRGIC LSCRKNRCNN IGYNAKKMRK KRNSKMYLKT RAGMPFRVYH YQLKVHMFSY KNSGDIQPDL YITLYGSNAD SQNLPLEIVE KIELNATNTF LUYTEEYLGDF LFKIRLTWEG VSSSWYNLWN EFRSYLSQPS SPSRELHIRR IRVKSGETQR KVAFCVQDPM KNSISPGQEL WFKYKQNDQR VKN
<b>Source</b>	E.coli
<b>Target Names</b>	Lipg
<b>Protein Names</b>	Recommended name: Endothelial lipase EC= 3.1.1.3 Alternative name(s): Endothelial-derived lipase Short name= EDL
<b>Expression Region</b>	24-493
<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>	This protein has substantial phospholipase activity and may be involved in lipoprotein metabolism and vascular biology. This protein is designated a member of the TG lipase family by its sequence and characteristic lid region which provides substrate specificity for enzymes of the TG lipase family.
<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.



## Shelf Life

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