



Recombinant Rat Endothelial lipase (Lipg)

Product Code	CSB-EP851810RA-B
Abbreviation	Lipg
Storage	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.
Uniprot No.	Q8VBX1
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	TLRPQGS LRDEHHKPTG VPVTITTKPS VTFNIRTSKD PEHEGCNLSL GDSKLENCG FNMTAKTFFI IHGWTMSGMF ESWLHKLKLSA LQTREKEANV VVVDWLPLAH QLYIDAVSNT RVVGRRVAGM LNWLQEKGEF SLGDVHLIGY SLGAHVAGYA GNFVKGTVGR ITGLDPAGPM FEGVDINRRL SPDDADFVDV LHTYTLSFGL SIGIRMPVGH IDIYPNGGDF QPGCGFNDVM GSFAYGTISE MVKCEHERAV HLFVDSLQVQ DKPSFAFQCT DPNRFKRGIC LSCRKNRCNN IGYNAKKMRK KRNSKMYLKT RAGMPFRVYH YQLKVHMFSY KNSGDIQPD L YITLYGSNAD SQNLPLEIVE KIELNATNTF LVYTEEYLGDF LFKIRLTWEG VSSSWYNLWN EFRSYLSQPS SPSRELHIRR IRVKSGETQR KVAFCVQDPM KNSISPGQEL WFKYKQNDCCR VKN
Source	E.coli
Target Names	Lipg
Protein Names	Recommended name: Endothelial lipase EC= 3.1.1.3 Alternative name(s): Endothelial-derived lipase Short name= EDL
Expression Region	24-493
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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.
Reconstitution	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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