



Recombinant Human Endothelial lipase (LIPG)

Product Code	CSB-EP897572HU-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.	Q9Y5X9
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	SPVPGPEGR LEDKLHKPKA TQTEVKPSVR FNLRTSKDPE HEGCYLSVGH SQPLEDCSFN MTAKTFFIIH GWTMSGIFEN WLHKLVSALH TREKDANVVV VDWLPLAHQL YTDAVNTRV VGHSIARMLD WLQEKDDFSL GNVHLIGYSL GAHVAGYAGN FVKGTVGRIT GLDPAGPMFE GADIAHKRLSP DDADFDVVLH TYTRSFGLSI GIQMPVGHID IYPNGGDFQP GCGLNDVLGS IAYGTITEVV KCEHERAVHL FVDSLQNQDK PSFAFQCTDS NRFKKGICLS CRKNRNCNSIG YNAKKMRNKR NSKMYLKTRA GMPFRVYHYQ MKIHVFSYKN MGEIEPTFYV TLYGTNADSQ TLPLEIVERI EQNATNTFLV YTEEDLGDLL KIQLTWEGAS QSWYNLWKEF RSYLSQPRNP GRELNIRIR VKSGETQRKL TFCTEDPENT SISPGRELWF RKCRDGWRMK NETSPTVELP
Source	E.coli
Target Names	LIPG
Protein Names	Recommended name: Endothelial lipase EC= 3.1.1.3 Alternative name(s): Endothelial cell-derived lipase Short name= EDL Short name= EL
Expression Region	21-500
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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