



# Recombinant Human Endothelial lipase (LIPG)

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|--------------------------|---|
| <b>Product Code</b>      | CSB-BP897572HU  |
| <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.<br>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>       | Q9Y5X9  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Homo sapiens (Human)  |
| <b>Purity</b>            | ≥85% (SDS-PAGE)   |
| <b>Sequence</b>          | SPVPGPEGR LEDKLHKPKA TQTEVKPSVR FNLRTSKDPE HEGCYLSVGH<br>SQPLEDCSFN MTAKTFFIIH GWTMSGIFEN WLHKLVSALH TREKDANVVV<br>VDWLPLAHQL YTDAVNNTRV VGHSIARMLD WLQEKDDFSL GNVHLIGYSL<br>GAHVAGYAGN FVKGTVGRIT GLDPAGPMFE GADIAHKRLSP DDADFVDVLH<br>TYTRSFGLSI GIQMPVGHID IYPNGGDFQP GCGLNDVLGS IAYGTITEVV<br>KCEHERAVHL FVDSL VNQDK PSFAFQCTDS NRFKKGICLS CRKNR CNSIG<br>YNAKKMRNKR NSKMYLKTRA GMPFRVYHYQ MKIHVFSYKN MGEIEPTFYV<br>TLYGTNADSQ TLPLEIVERI EQNATNTFLV YTEEDLGDLL KIQLTWEGAS<br>QSWYNLWKEF RSYLSQPRNP GRELNIRIR VKSGETQRKL TFCTEDPENT<br>SISPGRELWF RKCRDGWRMK NETSPTVELP |
| <b>Source</b>            | Baculovirus   |
| <b>Target Names</b>      | LIPG  |
| <b>Protein Names</b>     | Recommended name: Endothelial lipase EC= 3.1.1.3 Alternative name(s):<br>Endothelial cell-derived lipase Short name= EDL Short name= EL   |
| <b>Expression Region</b> | 21-500  |
| <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>    | 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.   |



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