



# Recombinant Human Lipase member H (LIPH)

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| <b>Product Code</b>      | CSB-BP848833HU   |
| <b>Abbreviation</b>      | LIPH   |
| <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>       | Q8WWY8   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Homo sapiens (Human)   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | EE TCPSFTRLSTF HSAVVGTLN VRLMLYTRKN LTCAQTINSS<br>AFGNLNVTKK TTFIVHGFRP TGSPVWMDL LKGLLSVED MNVVVDWNR<br>GATTLIYTHA SSKTRKVAMV LKEFIDQMLA EGASLDDIYM IGVSLGAHIS<br>GFVGEYDYGW LGRITGLDPA GPLFNGKPHQ DRLDPSDAQF VDVHSDDTA<br>LGYKEPLGNI DFYPNGGLDQ PGCPKTLGG FQYFKCDHQR SVYLYLSSLR<br>ESCTITAYPC DSYQDYRNGK CVSCGTSQKE SCPLGYYAD NWKDHRLRGKD<br>PPMTKAFFDT AEESPFCMYH YFVDIITWVK NVRRGDITIK LRDKAGNTTE<br>SKINHEPTTF QKYHQVSLLA RFNQDLKVA AISLMFSTGS LIGPRYKLRI<br>LRMKLRSLAH PERPQLCRYD LVLMEVTV FQPILCPQL L |
| <b>Source</b>            | Baculovirus  |
| <b>Target Names</b>      | LIPH   |
| <b>Protein Names</b>     | Recommended name: Lipase member H Short name= LIPH EC= 3.1.1.-<br>Alternative name(s): LPD lipase-related protein Membrane-associated<br>phosphatidic acid-selective phospholipase A1-alpha Short name= mPA-PLA1<br>alpha Phospholi  |
| <b>Expression Region</b> | 19-451   |
| <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 gene encodes a membrane-bound member of the mammalian triglyceride lipase family. It catalyzes the production of 2-acyl lysophosphatidic acid (LPA), which is a lipid mediator with diverse biological properties that include platelet aggregation, smooth muscle contraction, and stimulation of cell proliferation and motility.   |
| <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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