9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-2506: LIPG Recombinant Protein

Alternative Name : LIPG,Lipase Endothelial,EDL,EL,Endothelial Cell-Derived Lipase,EC 3.1.1.3,PRO719,Endothelial Lipase,Lipoprotein Lipase H,EC 3.1.1.

Description

Source : Escherichia Coli. LIPG Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 343 amino acids (21-340) and having a molecular mass of 38kDa.LIPG is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Lipase Endothelial (LIPG) has extensive phospholipase activity and may be involved in lipoprotein metabolism and vascular biology. The LIPG protein is considered a member of the TG lipase family through its sequence and characteristic lid region which provides substrate specificity for enzymes of the TG lipase family. In addition, the LIPG has triglyceride lipase activities. LIPG hydrolyzes HDLs more efficiently than other lipoproteins. LIPG also binds heparin.

Product Info

Amount :	20 µg
Purification :	Greater than 85% as determined by SDS-PAGE.
Content :	The LIPG solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks.Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSSPVPFGP EGRLEDKLHK PKATQTEVKP SVRFNLRTSK DPEHEGCYLS VGHSQPLEDC SFNMTAKTFF IIHGWTMSGI FENWLHKLVS ALHTREKDAN VVVVDWLPLA HQLYTDAVNN TRVVGHSIAR MLDWLQEKDD FSLGNVHLIG YSLGAHVAGY AGNFVKGTVG RITGLDPAGP MFEGADIHKR LSPDDADFVD VLHTYTRSFG LSIGIQMPVG HIDIYPNGGD FQPGCGLNDV LGSIAYGTIT EVVKCEHERA VHLFVDSLVN QDKPSFAFQC TDSNRFKKGI CLSCRKNRCN SIGYNAKKMR NKRNSKMYLK TRA.