

Lipase Endothelial Human Recombinant

Item Number	rAP-1264
Synonyms	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	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.
Uniprot Accession Number	Q9Y5X9
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSSVPVFGP EGRLEDKLHK PKATQTEVKP SVRFNLRTSK DPEHEGCVLS VGHSQPLEDC SFNMTAKTFF IIHGWTMSGI FENWLHKLVS ALHTREKLAN VVVVDWL- PLA HQLYTDVNN TRVVGHSIAR MLDWLQEKDD FSLGNVHLIG YSLGAHVAGY AGNFVKGTVG RITGLDPAGP MFEGADHKR LSPDDADFVD VLHTYTRSGF LSIQIOMPVG HIDIYPNGGD FQPGCGLNDV LGSIAYGIT EVVKCEHERA VHLFVDSLVD QDKPSFAFQC TDSNRFKKGI CLSCRKNRCN SIGYNAKKMR NKRNSKMYLK TRA.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	The LIPG solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea. Greater than 85% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**