ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Lipoprotein Lipase Human Recombinant

Item Number	rAP-1258
Synonyms	Lipoprotein lipase, LPL, LIPD, HDLCQ11.
Description	The Recombinant Human LPL produced in E.coli has a molecular mass of 51.61kDa containing 458 amino acid residues of the human LPL and fused to a 10 a.a. His tag at N-terminus.
Uniprot Accesion Number	P06858
Amino Acid Sequence	MKHHHHHHAS ADQRRDFIDI ESKFALRTPE DTAEDTCHLI PGVAESVATC HFNHSSKTFM VIHGWTVTGM YESWVPKLVA ADQRRDFIDI ESKFALRTPE DTAEDTCHLI PGVAESVATC HFNHSSKTFM VIHGWTVTGM YESWVPKLVA ALYKREPDSN VIVVDWLSRA QEHYPVSAGY TKLVGQDVAR FINWMEEEFN YPLDNVHLLG YSLGAHAAGI AGSLTNKKVN RITGLDPAGP NFEYAEAPSR LSPDDADFVD VLHTFTRGSP GRSIGIQKPV GHVDIYPNGG TFQPGCNIGE AIRVIAERGL GDVDQLVKCS HERSIHLFID SLLNEENPSK AYRCSSKEAF EKGLCLSCRK NRCNNLGYEI SKVRAKRSSK MYLKTRSQMP YKVFHYQVKI HFSGTESETH TNQAFEISLY GTVAESENIP FTLPEVSTNK TYSFLIYTEV DIGELLMLKL KWKSDSYFSW SDWWSSPGFA IQKIRVKAGE TQKKVIFCSR EKVSHLQKGK APAVFVKCHD
Source	Escherichia Coli.
Physical Appearance and Stability	Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.
Formulation and Purity	LPL was filtered (0.4 μm) and lyophilized from 0.5 mg/ml in 50mM Acetate buffer, pH=4.
Application	
Solubility	It is recommended to add 0.1M Acetate buffer pH4 to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. For conversion into higher pH value, we recommend intensive dilution by relevant buffer to
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