

Lipase Recombinant Protein | LIPD recombinant protein

Recombinant Lipase, Lipoprotein (LIPD)

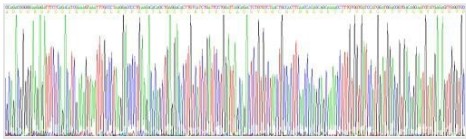
CATALOG # AAA144170	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

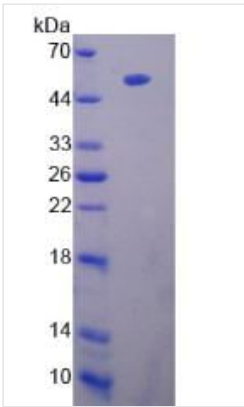
Lipase; Recombinant Lipase; Lipoprotein (LIPD); LIPD recombinant protein

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>90%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Sequence	The target protein is fused with two N-terminal Tags. His-tag and T7-tag are listed below. ADGGRDFS DIESKFALRT PEDTAEDTCH LIPGLADSVS NCHFHHSSKT FVVIHGWTVT GMYESWVPKL VAALYKREPD SNVIVVDWLY RAQQHYPVSA GYTKLVGNDV ARFINWLEEE FNYPLDNVHL LGYSLGAHAA GVAGSLTNKK VNRITGLDPA GPNFEYAEAP SRLSPDDADF VDLHTFTRG SPGRSIGIQK PVGHVDIYPN GGTFQPGCNI GEAIRVIAEK GLGDVDQLVK CSHERSIHLF IDSLNNEENP SKAYRCNSKE AFEKGLCLSC RKNRCNNVGY EINKVRAKRS SKMYLKTRSQ MPYKVFHYQV KIHFSGTEND QNNQAFEIS LYGTVAESEN IPFTLPEVAT NKTYSFLIYT EVDIGELLMM KLKWKND SYF RWSDDWWSSPS FVIEKIRVKA GETQKKVIFC AREKVSHLQK GKDAAVFVKC HDKSLKKSG
Sequence Length	476
Applicable Applications for LIPD recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	53.9kDa
Accurate Molecular Mass (KD)	54kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	N-terminal His-Tag, T7 tag
Organism Species	Rattus norvegicus (Rat)
Fragment	Tyr19~Ala148
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



Application Data



SDS-PAGE

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                                ADG GRDFSDIESK FALRTPEDTA
EDTCHLIPGL ADSVSNCHFN HSKTFVVIH GWTVTGMYES WPKLVAALY
KREPDSNVIV VDWLYRAQQH YPVSAGYTKL VGNDVARFIN WLEEEFNYP
DNVHLLGYSL GAHAAGVAGS LTNKKVNRIT GLDPAGPNFE YAEAPSRISP
DDADFVDVLH TFTRGSPGRS IGIQKPVGHV DIYPNGGTFO PGCNIGEAIR
VIAEKGLGDV DQLVKCSHER SIHLFIDSLL NEENPSKAYR CNSKEAFEKG
LCLSCRKNRC NNVGVEINKV RAKRSSKMYL KTRSQMPYKV FHYQVKIHFS
GTENDKQNNQ AFEISLYGTV AESENIPFTL PEVATNKTYV FLIYTEVDIG
ELLMMLKWK NDSYFRHSDW WSSPSFVIEK IRVKAGETQK KVIFCAREKV
SHLQKGKDAV VFKCHDKSL KKS
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Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	151342
Molecular Weight	50,239 Da
NCBI Official Full Name	lipase
UniProt Protein Name	Lipase
UniProt Entry Name	LIPB_PSEFL

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.