

Lipase Recombinant Protein | MGL recombinant protein

Recombinant Lipase, Monoacylglycerol (MGL)

CATALOG # AAA144320	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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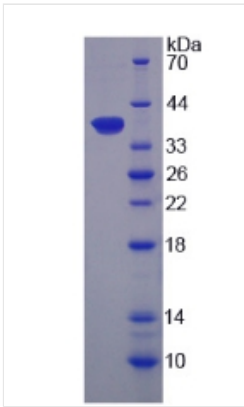
PRODUCT SYNONYMS

Lipase; Recombinant Lipase; Monoacylglycerol (MGL); MGL 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. The sequence is listed below. MPEESSPR RTPQSIPYQD LPHLVNADGQ YLFCRYWKPT GTPKALIFVS HGAGEHSGRY EELARMLMGL DLLVFAHDHV GHGQSEGERM VVSDFHVFVR DVLQHVDSMQ KDYPGLPVFL LGHSMGGAIA ILTAAERPGH FAGMVLISPL VLANPESATT FKVLA AKVLN LVLPNLSLGP IDSSVLSRNK TEVDIYN SDP LICRAGLKVC FGIQLLNAVS RVERALPKLT VPFLLLQGSA DRLCDSKGAY LLMELAKSQD KTLKIYEGAY HVLHKELPEV TNSVFHEINM WVSQRTATAG TASPP
Sequence Length	476
Applicable Applications for MGL recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	37.0kDa
Accurate Molecular Mass (KD)	37kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	two N-terminal Tags, His-tag and S-tag
Organism Species	Homo sapiens (Human)
Fragment	Met1~Pro303
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.

IMAGES



MPEESSPRRT PQSIPYQDLF HLVNADGQYL FCRYWKTGT PKALIFVSHG
AGEHSGRYEE LARMLMGLDL LVFAHDHVGH GQSEGERMVV SDFHVVRDV
LQHVDQMOKD YGPLPVFLLG HSMGATAIL TAAERPGHFA GMVLISPLVL
ANPESATTFK VLAAKVLNLV LPNLSLGPID SSVLSRNKTE VDIYNSDPLI
CRAGLKVCFG IQLLNAVSRV ERALPKLTVP FLLLQGSADR LCDSKGAYLL
MELAKSQDKT LKITYEGAYHV LHKELPEVTN SVFHEINMWV SQRTATAGTA
SPP

Sequence

SDS-PAGE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/lipase-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/144320>