

Monoglyceride Lipase Recombinant Protein | MGLL recombinant protein

Recombinant Human Monoglyceride Lipase

CATALOG # AAA38869	HOST E Coli
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PRODUCT SYNONYMS

Monoglyceride Lipase; Recombinant Human Monoglyceride Lipase; MGLL Human; Monoglyceride Lipase Human Recombinant; Monoglyceride lipase; MGL; HU-K5; Lysophospholipase homolog; Lysophospholipase-like; Monoacylglycerol lipase; MAGL; MGLL; HUK5; MGLL recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 85.0% as determined by SDS-PAGE.
Form/Format	The MGLL solution (0.5 mg/ml) contains 20mM Tris-HCl Buffer (pH 8.0) and 10% Glycerol. Sterile Filtered colorless solution.
Sequence	MGSSHHH HHHSSGLVPR GSHMET GPEDPSSMPE ESSPR RTPQS IPYQDLPHLV NADGQYLFCR YWKPTGTPKA LIFVSHGAGE HSGRYEELAR MLMGLDLLVF AHDHVGHGQS EGERMVVSDF HVFVRDVLQH VDSMQKDYPG LPVFLLGHS M GGAIAILTA A ERPGHFAGMV LISPLVLANP ESATTFKVLA AKVLNLVLPN LSLGPIDSSV LSRNKTEVDI YNSDPLICRA GLKVCFGIQL LNAVSRVERA LPKLTVPFLL LQGSADRLCD SKGAYLLMEL AKSQDKTLKI YEGAYHVLHK ELPEVTNSVF HEINMWVSQR TATAGTASPP
Sequence Length	303
Preparation and Storage	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.

ADDITIONAL INFORMATION

Related Product Information for MGLL recombinant protein	Description: MGLL Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 333 amino acids (1-313 a.a.) and having a molecular mass of 36.4kDa. The MGLL is purified by proprietary chromatographic techniques. Introduction: MGLL is a membrane-associated member of the serine hydrolase superfamily. MGLL is expressed in abundance in skeletal muscle and adipose tissue. MGLL functions jointly with hormone-sensitive lipase (LIPE) to hydrolyze intracellular triglyceride stores in adipocytes and other cells to fatty acids and glycerol. MGLL may also complement lipoprotein lipase (LPL) in completing hydrolysis of monoglycerides resulting from degradation of lipoprotein triglycerides.
Product Categories/Family for MGLL recombinant protein	Enzymes; Lipase

NCBI AND UNIPROT INFORMATION

NCBI GI #	51242953
NCBI GeneID	11343
NCBI Accession #	NP_001003794.1
NCBI GenBank Nucleotide #	NM_001003794.2
UniProt Accession #	Q99685; Q6IBG9; Q96AA5; B3KRC2; B7Z9D1

NCBI Official Full Name	monoglyceride lipase isoform 2
NCBI Official Synonym Full Names	monoglyceride lipase
NCBI Official Symbol	MGLL
NCBI Official Synonym Symbols	MGL; HUK5; MAGL; HU-K5
NCBI Protein Information	monoglyceride lipase; lysophospholipase homolog; monoacylglycerol lipase
UniProt Protein Name	Monoglyceride lipase
UniProt Gene Name	MGLL
UniProt Synonym Gene Names	MGL; MAGL
UniProt Entry Name	MGLL_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/mgll-recombinant-protein-e-coli/38869>