

# Recombinant Human Monoglyceride Lipase, T7-tagged

Cat. No. MGLL-2943H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human MGLL was produced in <i>E.coli</i> with a T7 tag at N-terminus. MW = 34292 Da (1-313 aa).
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-313 a.a.
<b>Description</b>	Monoacylglycerol lipase, also known as MAG lipase, MAGL, MGL or MGLL is a protein that, in humans, is encoded by the MGLL gene. MAGL is a 33-kDa, membrane-associated member of the serine hydrolase superfamily and contains the classical GX SXG consensus sequence common to most serine hydrolases. The catalytic triad has been identified as Ser122, His269, and Asp239.
<b>Form</b>	10 mM Tris. pH 8.0. 0.1% Triton X-100. 0.002% NaN <sub>3</sub> .
<b>Purity</b>	95%.
<b>Applications</b>	MS. SDS.

## GENE INFORMATION

<b>Gene Name</b>	MGLL monoglyceride lipase [ Homo sapiens ]
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 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



<b>Synonyms</b>	MGLL; monoglyceride lipase; MGL; HUK5; MAGL; HU-K5; monoglyceride lipase; lysophospholipase-like; monoacylglycerol lipase; lysophospholipase homolog; EC 3.1.1.23
<b>Gene ID</b>	11343
<b>mRNA Refseq</b>	NM_001003794
<b>Protein Refseq</b>	NP_001003794
<b>MIM</b>	609699
<b>UniProt ID</b>	Q99685
<b>Chromosome Location</b>	3q21.3
<b>Pathway</b>	Glycerolipid metabolism; Metabolic pathways
<b>Function</b>	acylglycerol lipase activity; hydrolase activity; lysophospholipase activity; protein homodimerization activity

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