

Recombinant Human Monoglyceride Lipase, T7-tagged

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

SPECIFICATION

Product Overview	Recombinant Human MGLL was produced in <i>E.coli</i> with a T7 tag at N-terminus. MW = 34292 Da (1-313 aa).
Species	Human
Source	E.coli
Protein Length	1-313 a.a.
Description	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.
Form	10 mM Tris. pH 8.0. 0.1% Triton X-100. 0.002% NaN ₃ .
Purity	95%.
Applications	MS. SDS.

GENE INFORMATION

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