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Monoglyceride lipase, human recombinant

MLL, HU-K5, HUK5, MAGL, MGL, Lysophospholipase homolog, Lysophospholipase-like
Catalog # PBV11582r

Specification

Monoglyceride lipase, human recombinant - Product info

Primary Accession	Q99685
Concentration	**0.5 mg/ml**
Calculated MW	**36.4 kDa KDa**

Monoglyceride lipase, human recombinant - Additional Info

Gene ID	**11343**

Other Names
MLL, HU-K5, HUK5, MAGL, MGL, Lysophospholipase homolog, Lysophospholipase-like

Gene Source	**Human**
Source	**E. Coli**
Assay&Purity	**SDS-PAGE;≥85%**
Recombinant	**Yes**
Sequence	**MGSSHHHHHH SSGLVPRGSH METGPEDPSS MPEESSPRRT PQSIPYQDLP HLVNADGQYL FCRYWKPTGT PKALIFVSHG AGEHSGRYEE LARMLMGLDL LVFAHDHVGH GQSEGERMVV SDFHVFVRDV LQHVDSMQKD YPGLPVFLLG HSMGGAIAIL TAAERPGHFA GMVLISPLVL ANPESATTFK VLAAKVLNLV LPNLSLGPID SSVLSRNKTE VDIYNSDPLI CRAGLKVCFG IQLLNAVSRV ERALPKLTVP FLLLQGSADR LCDSKGAYLL MELAKSQDKT LKIYEGAYHV LHKELPEVTN SVFHEINMWV SQRTATAGTA SPP**

Target/Specificity
MGLL

Format
Liquid

Storage
-20°C;In 20 mM Tris-HCl Buffer (pH 8.0) containing 10% Glycerol

Monoglyceride lipase, human recombinant - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot

- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Monoglyceride lipase, human recombinant - Images

Monoglyceride lipase, human recombinant - Background

MGLL is membrane-associated member of the serine hydrolase superfamily. MGLL functions together 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. It is most abundantly expressed in skeletal muscle and adipose tissue. Recombinant human MGLL protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.