

# Human MGLL Recombinant Protein



RPPB1944

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## Product Information    Protein Information

**Product SKU:**

RPPB1944

**Accession:**

Q99685

**Host:**

Escherichia Coli.

**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.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Monoglyceride lipase, MGL, HU-K5, Lysophospholipase homolog, Lysophospholipase-like, Monoacylglycerol lipase, MAGL, MGLL, HUK5.

**Formulation:**

The MGLL solution (0.5mg/ml) contains 20mM Tris-HCl Buffer (pH 8.0) and 10% Glycerol.

**Purity:**

Greater than 85.0% as determined by SDS-PAGE.

**Stability:**

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.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH METGPEDPSS MPEESSRRT PQSIPYQDLP HLVNADGQYL FCRYWKPTGT  
PKALIFVSHG AGEHSGRYEE LARMLMGLDL LVFAHDHVGH GQSEGERMVV SDFHVFVRDV LQHVDSMQKD  
YPGLPVFLLG HSMGGAIAL TAAERPGHFA GMVLISPLVL ANPESATTFK VLAACKVLNLV LPNLSLGPID  
SSVLSRNKTE VDIYNSDPLI CRAGLKVCFG IQLLNAVSRV ERALPKLTVP FLLQGSADR LCDSKGAYLL  
MELAKSQDKT LKIYEGAYHV LHKELPEVTN SVFHEINMWV SQRTATAGTA SPP.

**Biological Activity:**

Specific activity is > 170 units/mg, and is defined as the amount of enzyme that hydrolyze 1.0 umole of p-nitrophenyl butyrate to p-nitrophenol per minute at pH 7.5 at 25C.