

32-2538: MGLL Recombinant Protein

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

Description

Source : Escherichia Coli. 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. 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 Info

Amount : 10 µg
Purification : Greater than 85.0% as determined by SDS-PAGE.
Content : The MGLL solution (0.5mg/ml) contains 20mM Tris-HCl Buffer (pH 8.0) and 10% Glycerol.
Storage condition : 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 : MGSSHHHHHH SGLVPRGSH METGPEDPSS MPEESSPRRT PQSIPYQDLP HLVNADGQYL
FCRYWKPTGT PKALIFVSHG AGEHSGRYEE LARMLMGLDL LVFAHDHVGH GQSEGERMVV
SDFHVFVRDV LQHVDSMQKD YPGLPVFLLG HSMGGAIAL TAAERPGHFA GMVLISPLVL
ANPESATTFK VLA AKVLNLV LPNLSLGPID SSVLSRNKTE VDIYNSDPLI CRAGLKVCFG
IQLLNAVSRV ERALPKLTVF FLLQGSADR LCDSKGAYLL MELAKSQDKT LKIYEGAYHV
LHKELPEVTN SVFHEINMWV SQRTATAGTA SPP.

