

## Monoglyceride lipase from Human, Recombinant

Cat. No. NATE-1638

Lot. No. (See product label)

Introduction   Description In enzymology, an acylglycerol lipase (EC 3.1.1.23) is an enzyme that catalyzes a chemical reaction that uses water molecules to break the glycerol monoesters of long-chain fatty acids. This enzyme participates in glycerolipid metabolism.   Synonyms MLL; HU-K5; HUK5; MAGL; MGL; Lysophospholipase homolog; Lysophospholipase-like   Product Information Koli and fused to His-tag at N-terminus   Source E. coli and fused to His-tag at N-terminus   Form Liquid   Formulation 3 mg/ml in 50 mM Sodium acetate, 100 mM NaCl, 5 mM DTT, 5 mM EDTA, pH 5.0 containing 10% glycerol.   EC Number EC 3.1.1.23   Molecular 36.4 kDa   Weight > 170 units/mg   Concentration 0.5 mg/ml   Vint Defined as the amount of enzyme that hydrolyze 1.0 umole of p-nitrophenyl butyrate to pnitrophenol per minute at pH 7.5 at 25°C.		
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Storage and Shipping Information

StorageStore at +4°C for short term (1-2 weeks). For long term storage, aliquot and store at -70°C. Avoid<br/>repeated freeze/thaw cycles.