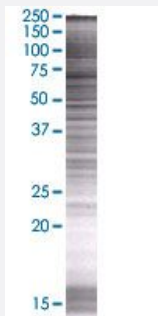


MGLL 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00011343-T01

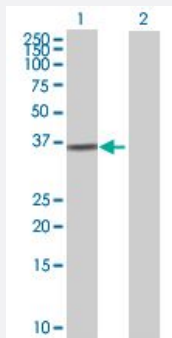
Size 100 uL

Applications



SDS-PAGE Gel

MGLL transfected lysate.



Western Blot

Lane 1: MGLL transfected lysate (34.54 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-MGLL full-length
Host	Human
Theoretical MW (kDa)	34.54
Interspecies Antigen Sequence	Mouse (83); Rat (83)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-MGLL antibody ([H00011343-B01](#)) by Western Blots.
 SDS-PAGE Gel
 MGLL transfected lysate.
 Western Blot
 Lane 1: MGLL transfected lysate (34.54 KDa)
 Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — MGLL

Entrez GeneID

[11343](#)

GeneBank Accession#

[NM_007283.5](#)

Protein Accession#

[NP_009214.1](#)

Gene Name

MGLL

Gene Alias

HU-K5, HUK5, MGL

Gene Description

monoglyceride lipase

Omim ID

[609699](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Monoglyceride lipase (MGLL; EC 3.1.1.23) functions together with hormone-sensitive lipase (LIP E; MIM 151750) to hydrolyze intracellular triglyceride stores in adipocytes and other cells to fatty acids and glycerol. MGLL may also complement lipoprotein lipase (LPL; MIM 238600) in completing hydrolysis of monoglycerides resulting from degradation of lipoprotein triglycerides (Karlsson et al., 2001 [PubMed 11470505]).[supplied by OMIM]

Other Designations

lysophospholipase-like|monoacylglycerol lipase

Pathway

- [Glycerolipid metabolism](#)
- [Metabolic pathways](#)

Disease

- [Alcoholism](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Obesity](#)