Datasheet for ABIN1310880

MGLL Protein (AA 1-313) (GST tag)

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Overview

Quantity:	10 µg
Target:	MGLL
Protein Characteristics:	AA 1-313
Origin:	Human
Source:	Wheat germ
Protein Type:	Recombinant
Purification tag / Conjugate:	This MGLL protein is labelled with GST tag.
Application:	Western Blotting (WB), ELISA, Affinity Purification (AP), Antibody Array (AA)

Product Details

Purpose:	MGLL (Human) Recombinant Protein (P01)
Sequence:	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
Characteristics:	Human MGLL full-length ORF (NP_009214.1, 1 a.a. - 313 a.a.) recombinant protein with GST-tag at N-terminal.
Purification:	in vitro wheat germ expression system

Target Details

Target:	MGLL
Alternative Name:	MGLL (MGLL Products)
Background:	Full Gene Name: monoglyceride lipase Synonyms: HU-K5,HUK5,MGL
Gene ID:	11343
NCBI Accession:	NM_007283
Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling, Lipid Metabolism

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Preparation method: in vitro, wheat germ expression system Product Quality tested by: 12.5% SDS-PAGE Stained with Coomassie Blue.
Restrictions:	For Research Use only

Handling

Buffer:	50 mM Tris-HCl, 10 mM reduced Glutathione, pH =8.0 in the elution buffer.
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-80 °C
Storage Comment:	Best use within three months from the date of receipt of this protein.

Publications

Product cited in:	Bolen, Naren, Yarlagadda, Beranova-Giorgianni, Chen, Norman, Baker, Rowland, Best, Sano, Tsukahara, Liliom, Igarashi, Tigyi: "The phospholipase A1 activity of lysophospholipase A-I links platelet activation to LPA production during blood coagulation." in: **Journal of lipid research**, Vol. 52, Issue 5, pp. 958-70, (2011) (PubMed).

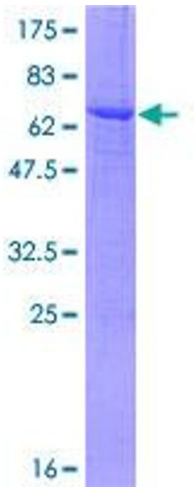

Image 1.

