

Recombinant Human MYLIP 293 Cell Lysate

Cat. No. MYLIP-4018HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for myosin regulatory light chain interacting protein (MYLIP) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

MYLIP myosin regulatory light chain interacting protein [Homo sapiens]

Official Symbol

MYLIP

Synonyms

MYLIP; myosin regulatory light chain interacting protein; E3 ubiquitin-protein ligase MYLIP; E3 ubiquitin ligase inducible degrader of the low density lipoprotein receptor; IDOL; MIR; band 4.1 superfamily member BZF1; inducible degrader of the LDL-receptor; cellular modulator of immune recognition (c-MIR); myosin regulatory light chain-interacting protein; E3 ubiquitin ligase-inducible degrader of the low density lipoprotein receptor;

Gene ID

29116

mRNA Refseq

NM_013262

Protein Refseq

NP_037394

MIM

610082

UniProt ID

Q8WY64

Chromosome Location

6p23-p22.3

Function

cytoskeletal protein binding; ligase activity; metal ion binding; protein binding;

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ubiquitin-protein ligase activity; ubiquitin-protein ligase activity; zinc ion binding;