

Recombinant Human MYRIP 293 Cell Lysate

Cat. No. MYRIP-4000HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for myosin VIIA and Rab interacting protein (MYRIP) 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

MYRIP myosin VIIA and Rab interacting protein [Homo sapiens]

Official Symbol

MYRIP

Synonyms

MYRIP; myosin VIIA and Rab interacting protein; rab effector MyRIP; DKFZp586F1018; exophilin 8; MyRIP; rab effector MYRIP; SLAC2 C; SLAC2C; Slp homologue lacking C2 domains; synaptotagmin like protein homologue lacking C2 domains c; exophilin-8; slp homolog lacking C2 domains c; myosin-VIIa- and Rab-interacting protein; synaptotagmin-like protein homologue lacking C2 domains-c; SLAC2-C; FLJ44025; MGC130034; MGC130035;

Gene ID

25924

mRNA Refseq

NM_015460

Protein Refseq

NP_056275

MIM

611790

UniProt ID

Q8NFW9

Chromosome Location

3p21.33

Function

Rab GTPase binding; actin binding; metal ion binding; myosin binding; protein

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binding; zinc ion binding;

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