

Recombinant Human MRC1 293 Cell Lysate

Cat. No. MRC1-4212HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for mannose receptor, C type 1 (MRC1) 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.
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

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name [MRC1 mannose receptor, C type 1 \[Homo sapiens \]](#)

Official Symbol MRC1

Synonyms MRC1; mannose receptor, C type 1; mannose receptor, C type 1 like 1 , MRC1L1; macrophage mannose receptor 1; bA541119.1; CD206; CLEC13D; CLEC13DL; mannose receptor, C type 1-like 1; C-type lectin domain family 13 member D; macrophage mannose receptor 1-like protein 1; MMR; MRC1L1; MGC181940;

Gene ID [4360](#)

mRNA Refseq [NM_002438](#)

Protein Refseq [NP_002429](#)

MIM [153618](#)

UniProt ID [P22897](#)

Chromosome Location 10p13

Pathway Adaptive Immune System, organism-specific biosystem; Antigen processing-Cross presentation, organism-specific biosystem; Class I MHC mediated antigen processing and presentation, organism-specific biosystem; Cross-presentation of soluble exogenous antigens (endosomes), organism-specific biosystem; Immune System, organism-specific biosystem; Phagosome, organism-specific biosystem;

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Function

binding; mannose binding; receptor activity; sugar binding;

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