

## Recombinant Human MOCS1 lysate

Cat. No. MOCS1-414HCL Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Over-expression cells lysed in RIPA buffer and lysate supplied in SDS loading buffer
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Molecular Mass</b>	31452.64Da
<b>Recommended Usage</b>	WB
<b>Storage Instruction</b>	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

### GENE INFORMATION

<b>Gene Name</b>	MOCS1 molybdenum cofactor synthesis 1 [ Homo sapiens ]
<b>Official Symbol</b>	MOCS1
<b>Synonyms</b>	MIG11; MOCOD; MOCODA; molybdenum cofactor biosynthesis protein 1; MOCS1A enzyme; migration-inducing gene 11 protein; cell migration-inducing gene 11 protein; molybdenum cofactor biosynthesis protein A; molybdenum cofactor synthesis-step 1 protein A-B
<b>Gene ID</b>	4337

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<b>mRNA Refseq</b>	NM_001075098
<b>Protein Refseq</b>	NP_001068566
<b>MIM</b>	603707
<b>UniProt ID</b>	Q9NZB8
<b>Chromosome Location</b>	6p21.3
<b>Pathway</b>	Defective AMN causes hereditary megaloblastic anemia 1, organism-specific biosystem; Defective CD320 causes methylmalonic aciduria, organism-specific biosystem; Defective GIF causes intrinsic factor deficiency, organism-specific biosystem
<b>Function</b>	4 iron, 4 sulfur cluster binding; GTP binding; cyclic pyranopterin monophosphate synthase activity

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