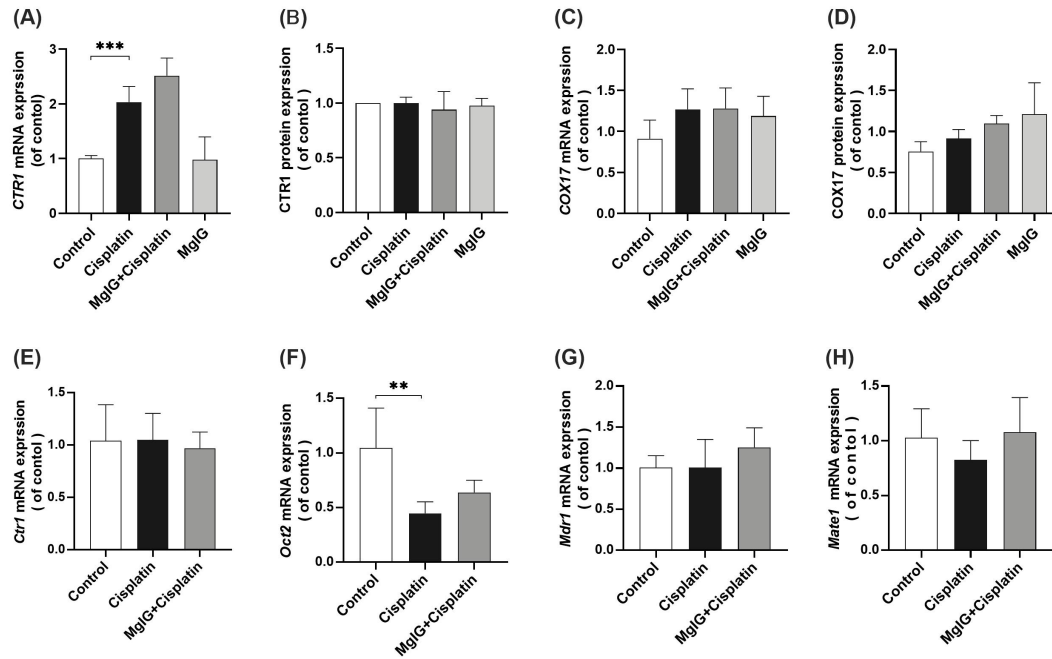
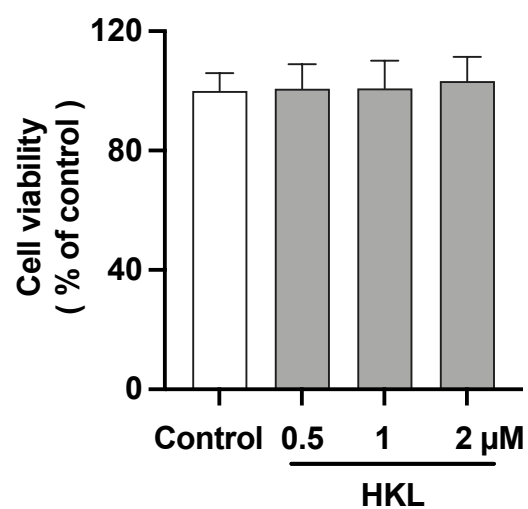


Supplement Figure S1



The effect of MgIG on cisplatin-associated transporters in HK-2 cells. **A-B** The mRNA and protein expression of CTR1 in HK-2 cells. **C-D** The mRNA and protein expression of COX17 in HK-2 cells. MgIG has no effect on the mRNA and protein expression of CTR1 and COX17 in HK-2 cells. **E-H** The mRNA expression of *Ctr1*, *Oct2*, *Mdr1*, *Mate1* in mice kidneys. MgIG has no effect on the mRNA expression of *Ctr1*, *Oct2*, *Mdr1*, *Mate1* in mice kidneys. The data are presented as the mean \pm SD, $n = 6$. ** $P < 0.01$, *** $P < 0.001$.

Supplement Figure S2



The effect of HKL on cell viability of HK-2 cells. With co-administration of HKL at 0.5, 1, and 2 μ M for 48h, the cell viability appeared no change. The data are presented as the mean \pm SD, n = 6.

Supplement Table S1

Table S1 Detective parameters

Compound	Detection mode	DP	CE	Quantitative ion pairs	Retention time
NAM	+	60	25	123.3 / 80.0	2.13
NR	+	40	17	255.2 / 123.1	3.04
NMN	+	50	20	335.2 / 123.0	7.44
NADPH	-	-190	-50	744.0 / 408.0	6.66

Supplement Table S2

Table S2. The primer sequences of RT-PCR.

	Forward Primer (5'-3')	Reverse Primer (5'-3')
<i>Mus Actb</i>	ACGGCCAGGTCATCACTATTG	AGGGGCCGGACTCATCGTA
<i>Mus Kim-1</i>	AGCAGTCGGTACAACCTAAAGG	ACTCGACAACAATACAGACCAC
<i>Mus Ng2</i>	TGGCCCTGAGTGTCATGTG	CTCTTGCTAGCTCATAGATGGTGC
<i>Mus Ctr1</i>	CATGATGATGATGCCTATGACC	CAGCATCTGCTGCCCCAAC
<i>Mus Oct2</i>	GGGTTCTCATGGCGATTTCAC	GCCCAGCCCCAACAAATTCTG
<i>Mus Mdr1</i>	TCGACCCACACTTCAGCTACA	AGCCGGTTGTCCATGTTGG
<i>Mus Mate1</i>	GTTGGCCTTACGGAGAGGAC	AATCCCACCCACCAAGACTAA
<i>Homo ACTB</i>	ACGGCCAGGTCATCACTATTG	AGGGGCCGGACTCATCGTA
<i>Homo SIRT3</i>	GGCTCTATACACAGAACATCGAC	TAGCTGTTACAAAGGTCCCGT
<i>Homo CTR1</i>	AAGGACTCAAGATAGCCCGAG	TGGGACAGGCATGGAATTGTA
<i>Homo COX17</i>	GGCTCTATACACAGAACATCGAC	TAGCTGTTACAAAGGTCCCGT