

Supplementary Table S1 The siRNA duplexes target human CD13 in pTZU-CD13-shRNA

CD13 siRNA-p1	Tgac	GCAGCAGGTAAGAAGTCATTCAAGAGATGACTTCTTACCTGCTGC t
CD13 siRNA-p2	Ctaga	GCAGCAGGTAAGAAGTCATCTCTTGATAGACTTCTTACCTGCTGC g

Supplementary Table S2 The coding sequence of human CD13 in pEGFP-N1-CD13

HCD13-sacI-NF:	TATGAGCTCATGACACCGGAGTTTGACGA
HCD13-SOE1-reverse	CTGTTGAGTTTTGGATAAACACTGCGG
HCD13-AgeI-NR:	GACACCGTTTACTTTTCTTCTATCTCATTTTTATTTC
HCD13- SOE2-forward:	CCGCAGTGTATCCAAAACACTCAACAG

Supplementary Table S3. IC50 (ug/ml) and RIs of human MDR GC cells towards
with different chemotherapeutic drugs

Drugs	SGC7901		SGC7901/X		MKN-45		MKN-45/X	
	IC50	RI	IC50	RI	IC50	RI	IC50	RI
5-fluorouracil	22.5±0.02	1	189.9±0.4**	8.34±0.03**	20.68±0.01	1	148.21±0.03**	7.15±0.01**
Cisplatin	1.23±0.01	1	19.20±0.11**	18.21±0.01**	0.38±0.02	1	8.23±0.01**	21.65±0.02**
Oxaliplatin	0.41±0.03	1	8.34±0.02**	20.81±0.12**	19.84±0.02**	1	124.32±0.01**	6.26±0.01**

IC50 values and RIs were determined by the CCK-8 method. Data are expressed as means ± SD. **P < 0.01 versus the parental cells.