

SIGMAR1 Knockout cell line (NCM460)

Catalog Number: KOA73327

Product Information	
Product Name	SIGMAR1 Knockout cell line (NCM460)
specification	1*10 ⁶
Storage and transportation	Shipped on dry ice; Store in liquid nitrogen
Cell morphology	Epithelial-like, adheren
Passage ratio	1:2~1:3
species	Human
Gene	SIGMAR1
Gene ID	10280
Build method	Electroporation/Lentivirus
Mycoplasma testing	negative
Cultivation system	90%RPMI-1640+10%FBS
Price (USD)	Inquiry
Parental Cell Line	NCM460
Quality Control	Genotype: SIGMAR1 Knockout cell line (NCM460)>95% viability before freezing. All cells were tested and found to be free of bacterial, viruses,mycoplasma and other toxins.

Gene Information	
Gene Official Full Name	sigma non-opioid intracellular receptor 1 provided by HGNC
Also known as	SRBP; ALS16; DSMA2; HMNR2; OPRS1; SR-BP; SIG-1R; SR-BP1; sigma1R; hSigmaR1
Gene Description	This gene encodes a receptor protein that interacts with a variety of psychotomimetic drugs, including cocaine and amphetamines. The receptor is believed to play an important role in the cellular functions of various tissues associated with the endocrine, immune, and nervous systems. As indicated by its previous name, opioid receptor sigma 1 (OPRS1), the product of this gene was erroneously thought to function as an opioid receptor; it is now thought to be a non-opioid receptor. Mutations in this gene has been associated with juvenile amyotrophic lateral sclerosis 16. Alternative splicing of this gene results in transcript variants encoding distinct isoforms. [provided by RefSeq, Aug 2013]
Expression	Ubiquitous expression in liver (RPKM 44.6), duodenum (RPKM 22.5) and 25 other tissues See more

