

CBR4 Knockout cell line (HCT 116)

Catalog Number: KO01515

Product Information

Product Name	CBR4 Knockout cell line (HCT 116)
specification	1*10^6
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Epithelioid, adherent cell
Passage ratio	1:2~1:4
species	Human
Gene	CBR4
Gene ID	84869
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90%McCOYs 5A+10% FBS
Parental Cell Line	HCT 116
Quality Control	Genotype: CBR4 Knockout cell line (HCT 116) >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	carbonyl reductase 4provided by HGNC
Also known as	SDR45C1
Gene Description	Enables several functions, including 3-oxoacyl-[acyl-carrier-protein] reductase (NADPH) activity; NADPH binding activity; and NADPH dehydrogenase (quinone) activity. Involved in fatty acid biosynthetic process; glycoside metabolic process; and protein tetramerization. Located in mitochondrial matrix. Part of oxidoreductase complex. [provided by Alliance of Genome Resources, Apr 2025]
Expression	Ubiquitous expression in lung (RPKM 23.4), fat (RPKM 17.8) and 25 other tissues See more