

ORAI1 Knockout cell line (HCT 116)

Catalog Number: KO08110

Product Information

Product Name	ORAI1 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	ORAI1
Gene ID	84876
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: ORAI1 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	ORAI calcium release-activated calcium modulator 1provided by HGNC
Also known as	IMD9; TAM2; ORAT1; CRACM1; TMEM142A
Gene Description	The protein encoded by this gene is a membrane calcium channel subunit that is activated by the calcium sensor STIM1 when calcium stores are depleted. This type of channel is the primary way for calcium influx into T-cells. Defects in this gene are a cause of immune dysfunction with T-cell inactivation due to calcium entry defect type 1 (IDTICED1). [provided by RefSeq, Sep 2011]
Expression	Ubiquitous expression in skin (RPKM 16.4), duodenum (RPKM 14.8) and 25 other tissues See more