

ASAH2 Knockout cell line (HEK293)

Catalog Number: KO07640

Product Information	
Product Name	ASAH2 Knockout cell line (HEK293)
specification	1*10 ⁶
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Epithelioid, adherent cell
Passage ratio	1:3~1:6
species	Human
Gene	ASAH2
Gene ID	56624
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90%DMEM+10% FBS
Parental Cell Line	HEK293
Quality Control	Genotype: ASAH2 Knockout cell line (HEK293) >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	N-acylsphingosine amidohydrolase 2 provided by HGNC
Also known as	HNAC1; BCDase; LCDase; NCDase; N-CDase
Gene Description	Ceramidases (EC 3.5.1.23), such as ASAH2, catalyze hydrolysis of the N-acyl linkage of ceramide, a second messenger in a variety of cellular events, to produce sphingosine. Sphingosine exerts both mitogenic and apoptosis-inducing activities, and its phosphorylated form functions as an intra- and intercellular second messenger (see MIM 603730) (Mitsutake et al., 2001 [PubMed 11328816]). [supplied by OMIM, Mar 2008]
Expression	Biased expression in duodenum (RPKM 35.9), small intestine (RPKM 31.0) and 1 other tissue See more