

KAZALD1 Knockout cell line (BEAS-2B)

Catalog Number: KOA22191

Product Information

Product Name	KAZALD1 Knockout cell line (BEAS-2B)
specification	1*10 ⁶
Storage and transportation	Shipped on dry ice; Store in liquid nitrogen
Cell morphology	Epithelial-like, adherent
Passage ratio	1:3~1:4
species	Human
Gene	KAZALD1
Gene ID	81621
Build method	Electroporation/Lentivirus
Mycoplasma testing	negative
Cultivation system	90% DMEM+10% FBS
Price (USD)	Inquiry
Parental Cell Line	BEAS-2B
Quality Control	Genotype: KAZALD1 Knockout cell line (BEAS-2B)>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	Kazal type serine peptidase inhibitor domain 1 provided by HGNC
Also known as	BONO1; FKSG28; FKSG40; IGFBP-rP10
Gene Description	This gene encodes a secreted member of the insulin growth factor-binding protein (IGFBP) superfamily. The protein contains an insulin growth factor-binding domain in its N-terminal region, a Kazal-type serine protease inhibitor and follistatin-like domain in its central region, and an immunoglobulin-like domain in its C-terminal region. Studies of the mouse ortholog suggest that this protein may function in bone development and bone regeneration. This gene is hypomethylated and over-expressed in high-grade glioma compared to low-grade glioma, and thus the hypomethylated gene may be associated with cell proliferation and the shorter survival of patients with high-grade glioma. It is also one of numerous genes found to be deleted in a novel 5.54 Mb interstitial deletion, which is associated with multiple congenital anomalies. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016]

Expression

Broad expression in spleen (RPKM 7.9), stomach (RPKM 5.2) and 17 other tissues [See more](#)