

## EGLN3 Knockout cell line (A549)

Catalog Number: KO08287

Product Information	
Product Name	EGLN3 Knockout cell line (A549)
specification	1*10 <sup>6</sup>
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Epithelioid, adherent cell
Passage ratio	1:3~1:4
species	Human
Gene	EGLN3
Gene ID	112399
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90% F12K+10% FBS
Parental Cell Line	A549
Quality Control	Genotype: EGLN3 Knockout cell line (A549) >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	egl-9 family hypoxia inducible factor 3provided by HGNC
Also known as	PHD3; HIFPH3; HIFP4H3
Gene Description	Enables peptidyl-proline 4-dioxygenase activity. Involved in several processes, including positive regulation of cysteine-type endopeptidase activity; protein hydroxylation; and response to hypoxia. Located in cytosol and nucleus. Implicated in renal cell carcinoma. Biomarker of clear cell renal cell carcinoma. [provided by Alliance of Genome Resources, Apr 2025]
Expression	Broad expression in skin (RPKM 31.3), heart (RPKM 27.7) and 16 other tissues See more