# PIM1 Knockout cell line (HeLa)

**Catalog Number:** KO15117

## Product Information

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| Product Name | PIM1 Knockout cell line (HeLa) |
| 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 | PIM1 |
| Gene ID | 5292 |
| Build method | Electric rotation method / virus method |
| Mycoplasma testing | Negative |
| Cultivation system | 90%DMEM+10% FBS |
| Parental Cell Line | HeLa |
| Quality Control | Genotype: PIM1 Knockout cell line (HeLa) >95% viability before freezing. All cells were tested and found to be free of bacterial, viruses,mycoplasma and other toxins. |

## Gene Information

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| Gene Official Full Name | Pim-1 proto-oncogene, serine/threonine kinaseprovided by HGNC |
| Also known as | PIM |
| Gene Description | The protein encoded by this gene belongs to the Ser/Thr protein kinase family, and PIM subfamily. This gene is expressed primarily in B-lymphoid and myeloid cell lines, and is overexpressed in hematopoietic malignancies and in prostate cancer. It plays a role in signal transduction in blood cells, contributing to both cell proliferation and survival, and thus provides a selective advantage in tumorigenesis. Both the human and orthologous mouse genes have been reported to encode two isoforms (with preferential cellular localization) resulting from the use of alternative in-frame translation initiation codons, the upstream non-AUG (CUG) and downstream AUG codons (PMIDs:16186805, 1825810).[provided by RefSeq, Aug 2011] |
| Expression | Broad expression in bone marrow (RPKM 89.3), esophagus (RPKM 60.8) and 21 other tissues See more |