

## GLYR1 Knockout cell line (AC16)

Catalog Number: KOA06321

| Product Information        |                                                                                                                                                                         |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name               | GLYR1 Knockout cell line (AC16)                                                                                                                                         |
| specification              | 1*10 <sup>6</sup>                                                                                                                                                       |
| Storage and transportation | Shipped on dry ice; Store in liquid nitrogen                                                                                                                            |
| Cell morphology            | Fibroblast-like, adherent                                                                                                                                               |
| Passage ratio              | 1 : 3-1 : 4                                                                                                                                                             |
| species                    | Human                                                                                                                                                                   |
| Gene                       | GLYR1                                                                                                                                                                   |
| Gene ID                    | 84656                                                                                                                                                                   |
| Build method               | Electroporation/Lentivirus                                                                                                                                              |
| Mycoplasma testing         | negative                                                                                                                                                                |
| Cultivation system         | 90% DMEM/F12+10% FBS                                                                                                                                                    |
| Price (USD)                | Inquiry                                                                                                                                                                 |
| Parental Cell Line         | AC16                                                                                                                                                                    |
| Quality Control            | Genotype: GLYR1 Knockout cell line (AC16)>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 | glyoxylate reductase 1 homologprovided by HGNC                                                                                                                                                                                                                                                                                                                                                                   |
| Also known as           | NP60; NPAC; hNDF; BM045; HIBDL; N-PAC                                                                                                                                                                                                                                                                                                                                                                            |
| Gene Description        | Enables several functions, including chromatin-protein adaptor activity; methylated histone binding activity; and nucleosome binding activity. Involved in transcription elongation-coupled chromatin remodeling and transcription initiation-coupled chromatin remodeling. Located in cytosol and nucleoplasm. Part of nucleosome. Is active in chromatin. [provided by Alliance of Genome Resources, Apr 2025] |
| Expression              | Ubiquitous expression in kidney (RPKM 24.0), brain (RPKM 23.5) and 25 other tissues See more                                                                                                                                                                                                                                                                                                                     |