

## **EHU048131 PDK3 (pyruvate dehydrogenase kinase isozyme 3)**

<b>Validation using qRT-PCR:</b>	
Knock-down rate:	<b>92,38 ± 1,65</b>
Cell line used:	HEK293
qRT-PCR primer used:	for: TTTGAAGGCTCTTTCAAGTGAGT
	rev: GGACCACAGCATTTCAGTCCT

*average of 3 biological replicates*

**RLUC:** HEK293 cells transfected with Renilla Luciferase esiRNA (RLUC, Cat.No. EHURLUC) as negative control. **PDK3:** HEK293 cells transfected with PDK3 esiRNA (Cat.No. EHU048131).

**qRT-PCR:** At 24h post-transfection, total RNA was isolated with an RNeasy Mini Kit (Qiagen) and reverse transcribed with SuperScript III reverse transcriptase (Invitrogen). Quantitative PCR reactions were carried out with the SYBR Green qPCR kit (Abgene) on a CFX96 qPCR machine (BioRad). Relative mRNA levels were calculated according to the  $\Delta\Delta C_t$  method and normalized to the RLUC control; GAPDH was used as housekeeping reference gene.