

EHU020331 IRS1 (insulin receptor substrate 1)

Validation using qRT-PCR:	
Knock-down rate:	85,98 ± 4,09
Cell line used:	HeLa cells
qRT-PCR primer used:	for: ACCATCCACTGACAACGAGAGC
	rev: ACCAGCAGTTGGAAGACTGCAC

average of 3 biological replicates

RLUC: HeLa cells transfected with Renilla Luciferase esiRNA (RLUC, Cat.No. EHURLUC) as negative control. **IRS1:** HeLa cells transfected with IRS1 esiRNA (Cat.No. EHU020331).

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 MX P3000 qPCR machine (Stratagene). 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.