

EHU075631 TJP2 (tight junction protein 2)

Validation using qRT-PCR:	
Knock-down rate:	96 ± 2,186
Cell line used:	HeLa
qRT-PCR primer used:	for: CGGACACTGCAATTCCAAT
	rev: GGAGCTGTCAGGTTGGCTC

average of 3 technical replicates

RLUC: HeLa cells transfected with Renilla Luciferase esiRNA (RLUC, Cat.No. EHURLUC) as negative control. **TJP2:** HeLa cells transfected with TJP2 esiRNA (Cat.No. EHU075631).

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.