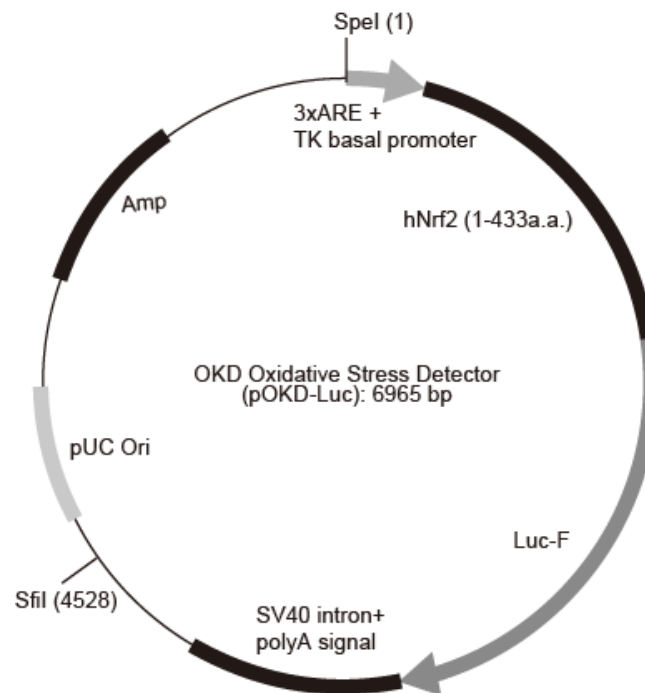


OKD Oxidative Stress Detector

(pOKD-Luc, Pro. No. StDtc-3)

Plasmid Information



3xARE+TK basal promoter: 1-281 bp.

h(human)Nrf2 : 296-1595 bp.

Luc (luciferase): 1601-3248 bp.

SV40 intron and polyA signal: 3295-3551 bp.

SEQUENCE:

*actagt*GGAAATGACATTGCTAATGGTGACAAAGCAACTTT*tctagt*GGAAAT
GACATTGCTAATGGTGACAAAGCAACTTT*tctagt*GGAAATGACATTGCTA
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acgccagcgcgttgacattgattattg//

3xARE element (underline) and TK basal promoter is indicated in red.

The start codon of ATG is indicated by double underline.

Blue shows human Nrf2 (1-433a.a.).

Bold indicates luciferase (GL4, promega).

Green color sequences are for DYKDDDDK tag.

Orange color sequences are SV40 intron and polyA signal.