

Plasmid pGBKT7-p53

Plasmid name	pGBKT7-p53
Catalogue No.	OM760045
Replicon	2U
Promoter	ADH1
Copy number	High-copy
Cloning strain	DH5a
Incubation temperature	37°
Host for the vector	Yeast
Application	Hybridization
Gene type	ORF
Resistance	Kan
Selection marker	TRP1
Fluorescent marker	--
Forward primer	T7: TAATACGACTCACTATAGGG
Reverse primer	ADH1-R: GAGTCACTTTAAAATTTGTATACAC
Gene Introduction	Yeast two-hybrid systems provide a sensitive method for detecting relatively weak and transient protein interactions. Such interactions may not be biochemically detectable, but may be critical for proper functioning of complex biological systems. pGBKT7-53 and pGADT7-T encode fusions between the GAL4 DNA-BD and AD and murine p53 and SV40 large T-antigen, respectively. p53 and large T-antigen interact in a yeast two-hybrid