

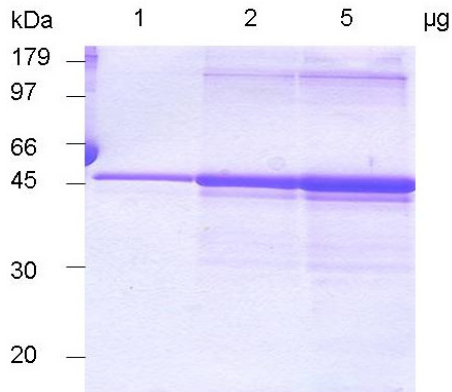
Certificate of Analysis

Product	p53, active human recombinant, expressed in E. coli, N-His-fusion protein	
Cat No	P-001-01	
Lot No	041105	
Description	Purified human recombinant p53, expressed in E. coli with a N-terminal His-tag. Purified by Ni-agarose chromatography. Sequence based calculated M.W. 46,420 Approved HUGO gene symbol: TP53 Synonyms: p53, tumor protein p53 (Li-Fraumeni syndrome)	
Quality	Protein concentration (Bradford with BSA as standard)	0.5 mg/ml
	Purity	> 80% by SDS PAGE
	Protease activity (Twining test)	none
	DNA binding activity was demonstrated by using an ELISA kit (TransAM p53, Active Motif, cat. no. 41196). By using 0.5 - 2 ng p53, active (Lot No. 041105) A450 values comparable to the positive control supplied with the kit were obtained.	
Form	Liquid. In 30 mM Na-pyrophosphate, 50 mM KCl, 5 % glycerol, pH 7.5	
Package size	10 µg	
Storage condition	-70 °C	
Shipment conditions	dry ice	

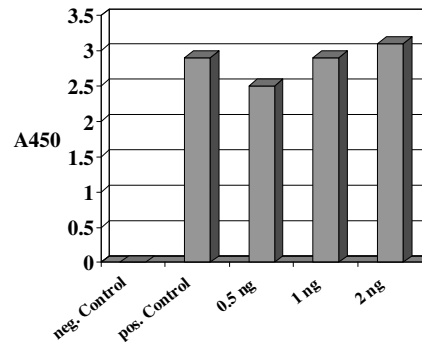
Material for in vitro research use only. Not for pharmaceutical or drug application. Material does not contain any animal products such as albumin.

AVOID FREEZE/THAW CYCLES

SDS-PAGE analysis



DNA Binding Activity (TransAM p53, Active Motif, cat. no. 41196)



Amino acid sequence information

M24 corresponds to M of X02469

MGHHHHHHHH	HHSSGHIDDD	DKHMEEPQSD	PSVEPPLSQE	TFSDLWKLPP	50
ENNVLSPLPS	QAMDDLMLSP	DDIEQWFTED	PGPDEAPRMP	EAAPPVAPAP	100
AAPTPAAPAP	APSWPLSSSV	PSQKTYQGSY	GFRLGFLHSG	TAKSVTCTYS	150
PALNKMFCQL	AKTCPVQLWV	DSTPPPGTRV	RAMAIYKQSQ	HMTEVVRRCP	200
HHERCSDSDG	LAPPQHLIRV	EGNLRVEYLD	DRNTFRHSV	VPYEPPEVGS	250
DCTTIHYNM	CNSSCMGGMN	RRPILTIITL	EDSSGNLLGR	NSFEVRVCAC	300
PGRDRRTEEE	NLRKKGEPHH	ELPPGSTKRA	LPNNTSSSPQ	PKKKPLDGEY	350
FTLQIRGRER	FEMFRELNEA	LELKDAQAGK	EPGGSRAHSS	HLKSKKGQST	400
SRHKKLMFKT	EGPDSD				406

References

Chene P Nature Rev Cancer (2003) 3102-109
Lane DP, Hupp TR, Drug Discov Today (2003) 15347-355
Fojo T Drug Resist Update (2002) 5209-216