

p53, human recombinant protein
HGNC:11998, Cys51Stop, TRP53, p53
Catalog # PBV10427r

Specification

p53, human recombinant protein - Product info

Primary Accession [P04637](#)
Calculated MW **53.0 kDa**

p53, human recombinant protein - Additional Info

Gene ID **7157**
Gene Symbol **P53**
Other Names
HGNC:11998, Cys51Stop, TRP53, p53 , Cellular tumor antigen p53, Antigen NY-CO-13,
Phosphoprotein p53, Tumor suppressor p53

Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥95%
Assay2&Purity2	HPLC; ≥95%
Recombinant	Yes
Format	
Liquid	

Storage

-20°C; 1 mg/ml in 50 mM Tris-Acetate, pH 7.5, 1 mM EDTA, and 20% Glycerol.

p53, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

p53, human recombinant protein - Images

p53, human recombinant protein - Background

p53 is a tumor suppressor gene expressed in a wide variety of tissue types and is involved in regulating cell growth, replication, and apoptosis. It binds to mdm2, SV40 T antigen and human papilloma virus E6 protein p53 senses DNA damage and possibly facilitating repair. Mutation involving p53 is found in a wide variety of malignant tumors, including breast, ovarian, bladder,

colon, lung, and melanoma. Recombinant human p53 protein purified by proprietary chromatographic techniques.

p53, human recombinant protein - References

Zakut-Houri R.,et al.EMBO J. 4:1251-1255(1985).
Lamb P.,et al.Mol. Cell. Biol. 6:1379-1385(1986).
Harlow E.,et al.Mol. Cell. Biol. 5:1601-1610(1985).
Harris N.,et al.Mol. Cell. Biol. 6:4650-4656(1986).
Buchman V.L.,et al.Gene 70:245-252(1988).