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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 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 Cytomety
- 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).