

p53 Mutant, human recombinant protein
HGNC:11998, Cys51Stop, TRP53, p53
Catalog # PBV10428r

Specification

p53 Mutant, human recombinant protein - Product info

Primary Accession	P04637
Concentration	0.1
Calculated MW	81 kDa KDa

p53 Mutant, human recombinant protein - Additional Info

Gene ID	7157
Gene Symbol	TP53
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; ≥90%
Assay2&Purity2	HPLC; ≥90%
Recombinant	Yes
Format	
Liquid	

Storage

-20°C; Sterile filtered (100 µg/ml) in 50 mM Tris-Acetate, pH 7.5, 1 mM EDTA, and 20% Glycerol.

p53 Mutant, 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 Mutant, human recombinant protein - Images

p53 Mutant, 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 mutant p53 protein is purified by proprietary chromatographic techniques.