



Product Datasheet

Product Name	p53 Mutant (a.a 135) Protein Human Recombinant
Cata No	CB500922
Source	<i>Escherichia Coli.</i>
Synonyms	p53 Mutant, p53 Mutant (a.a 135), Cellular tumor antigen p53, Tumor suppressor p53, Phosphoprotein p53, Antigen NY-CO-13, TP53, P53, LFS1, TRP53, FLJ92943.

Description

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.

p53 Mutant Human Recombinant full length protein (a.a 135) expressed in E.coli, shows a 81 kDa band on SDS-PAGE.

The p53 Mutant is purified by proprietary chromatographic techniques.

Physical Appearance

Sterile Filtered clear solution.

Formulation

p53 Mutant at 100µg/ml in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol.

Stability

Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months.

Please prevent freeze-thaw cycles.

Applications

- ELISA
- Inhibition Assays
- Western Blotting