

## Product datasheet for **LY436781**

### **p53 (TP53) (NM\_001276697) Human Over-expression Lysate**

#### **Product data:**

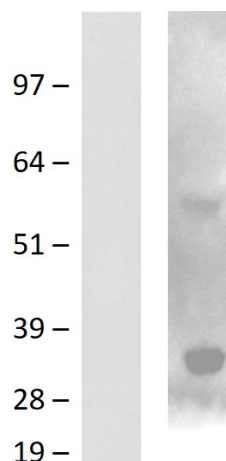
<b>Product Type:</b>	Over-expression Lysates
<b>Description:</b>	Transient overexpression lysate of tumor protein p53 (TP53), transcript variant 5
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	TrueORF Clone RC236781
<b>Tag:</b>	C-MYC/DDK
<b>ACCN:</b>	<u>NM_001276697</u> , <u>NP_001263626</u>
<b>Synonyms:</b>	BCC7; BMFS5; LFS1; P53; TRP53
<b>Predicted MW:</b>	27 kDa
<b>Components:</b>	1 vial of 100 µg gene specific transient over-expression cell lysate in RIPA buffer 1 vial of 100 µg whole HEK293T cell lysate in RIPA buffer 1 vial of 250ul 2xSDS Sample Buffer (4% SDS, 125mM Tris-HCl pH6.8, 10% Glycerol, 0.002% Bromophenol blue, 100mM DTT)
<b>Storage:</b>	The lysate is shipped with dry ice. Upon receiving, store the sample at -80°C. Avoid repeated freeze-thaw cycles. Lysate samples are stable for 12 months from the date of receipt when stored at -80°C.
<b>Preparation:</b>	HEK293T cells in 10-cm dishes were transiently transfected with PEI and 5ug TrueORF cDNA plasmid. Transfected cells were cultured for 72hrs before collection. The cells were lysed in modified RIPA buffer (25mM Tris-HCl pH7.6, 150mM NaCl, 1% NP-40, 1mM EDTA, 1xProteinase inhibitor cocktail mix (Sigma), 1mM PMSF and 1mM Na3VO4), and then centrifuged to clarify the lysate. Protein concentration was measured by BCA kit (Thermo Scientific Inc.).
<b>RefSeq:</b>	<u>NP_001263626</u>
<b>Locus ID:</b>	7157
<b>Cytogenetics:</b>	17p13.1
<b>Protein Families:</b>	WB


[View online »](#)

**Protein Pathways:**

Amyotrophic lateral sclerosis (ALS), Apoptosis, Basal cell carcinoma, Bladder cancer, Cell cycle, Chronic myeloid leukemia, Colorectal cancer, Endometrial cancer, Glioma, Huntington's disease, MAPK signaling pathway, Melanoma, Neurotrophin signaling pathway, Non-small cell lung cancer, p53 signaling pathway, Pancreatic cancer, Pathways in cancer, Prostate cancer, Small cell lung cancer, Thyroid cancer, Wnt signaling pathway

**Product images:**



Western blot validation of overexpression lysate (Cat# LY436781) using anti-DDK antibody (Cat# [TA592569]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with [RC236781] using transfection reagent PEI.