

Recombinant Human TPX2 293 Cell Lysate

Cat. No. TPX2-829HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for TPX2, microtubule-associated, homolog (Xenopus laevis) (TPX2) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

TPX2 TPX2, microtubule-associated, homolog (Xenopus laevis) [Homo sapiens]

Official Symbol

TPX2

Synonyms

TPX2; TPX2, microtubule-associated, homolog (Xenopus laevis); C20orf1, C20orf2, chromosome 20 open reading frame 1; targeting protein for Xklp2; DIL 2; p100; protein fls353; differentially expressed in lung cells; TPX2, microtubule-associated protein homolog; preferentially expressed in colorectal cancer; hepatocellular carcinoma-associated antigen 519; restricted expression proliferation associated protein 100; restricted expression proliferation-associated protein 100; differentially expressed in cancerous and non-cancerous lung cells 2; DIL2; DIL-2; HCTP4; FLS353; HCA519; REPP86; C20orf1; C20orf2; GD:C20orf1;

Gene ID

22974

mRNA Refseq

NM_012112

Protein Refseq

NP_036244

MIM

605917

UniProt ID

Q9ULW0

**Chromosome
Location**

20q11.2

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Pathway

Aurora A signaling, organism-specific biosystem; PLK1 signaling events, organism-specific biosystem;

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