

# Recombinant Human TP53BP2 protein, His-tagged

**Cat. No.** TP53BP2-2678H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human TP53BP2 protein(273-519 aa), fused with N-terminal His tag, was expressed in E.coli.                                                                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>    | 273-519 aa                                                                                                                                                                                                                                                                                                 |
| <b>Form</b>             | The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. |
| <b>AASequence</b>       | SSTMPRMPSPPELLLVKPALPDGSLVIQASEGPMKIQTLPNMRSGAASQTKGSKIHPV<br>GPDWSPSNADLFPSQGSASVPQSTGNALDQVDDGEVPLREKEKKVRPFMSMFDAMD<br>QSNAPPSFGTLRKNQSSDILRDAQVANKNVAKVPPPVPTKPKQINLPYFGQTNQP<br>PSDIKPDGSSQQLSTVPSMGTKPKPAGQQPRVLLSPSIPSVGQDQTLSPGSKQES<br>PPAAAVRPFTPQPSKDTLLPPFR                                    |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                   |
| <b>Storage</b>          | Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.                                                                                                      |

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**Reconstitution**

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

**GENE INFORMATION**

**Gene Name** TP53BP2 tumor protein p53 binding protein, 2 [ Homo sapiens ]

**Official Symbol** TP53BP2

**Synonyms**

TP53BP2; tumor protein p53 binding protein, 2; apoptosis-stimulating of p53 protein 2; 53BP2; ASPP2; PPP1R13A; BCL2-binding protein; renal carcinoma antigen NY-REN-51; tumor suppressor p53-binding protein 2; apoptosis-stimulating protein of p53, 2; BBP; P53BP2;

**Gene ID** 7159

**mRNA Refseq** NM\_001031685

**Protein Refseq** NP\_001026855

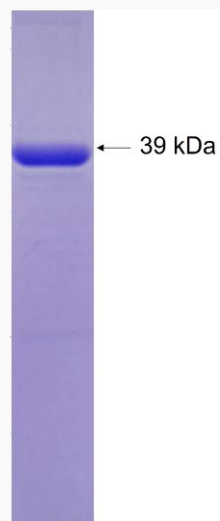
**MIM** 602143

**UniProt ID** Q13625

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**SDS-PAGE**

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