# Recombinant Human TP53BP2 protein, His-tagged

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

## SPECIFICATION

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| **Product Overview** | Recombinant Human TP53BP2 protein(273-519 aa), fused with N-terminal His tag, was expressed in E.coli. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | 273-519 aa |
| **Form** | The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM $Na_2HPO_4$, 17 mM $NaH_2PO_4$, 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. |
| **AASequence** | SSTMPRMPSRPELLVKPALPDGSLVIQASEGPMKIQTLPNMRSGAASQTKGSKIHPV GPDWSPSNADLFPSQGSASVPQSTGNALDQVDDGEVPLREKEKKVRPFSMFDAVD QSNAPPSFGTLRKNQSSEDILRDAQVANKNVAKVPPPVPTKPKQINLPYFGQTNQP PSDIKPDGSSQQLSTVVPSMGTKPKPAGQQPRVLLSPSIPSVGQDQTLSPGSKQES PPAAAVRPFTPQPSKDTLLPPFR |
| **Purity** | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining. |
| **Storage** | 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. |

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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

## GENE INFORMATION

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| **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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