

Recombinant Human TP53BP1, His-tagged

Cat. No. TP53BP1-26025TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 1008-1972 of Human 53BP1 with N terminal His tag; 965 amino acids, 137kDa.
Species	Human
Source	E.coli
ProteinLength	1008-1972 a.a.
Description	Tumor suppressor p53-binding protein 1 also known as p53-binding protein 1 or 53BP1 is a protein that in humans is encoded by the TP53BP1 gene.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 86 µl aqua dest.
Storage buffer	Preservative: None Constituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Store at 4°C. Upon reconstitution store at -80oC.
Sequences of amino acids	EKPATGERKNGSTAVAESVSPQKTMSVLSCICEARQENE ARSEDPPTTPIRGNLL HFPSSQGEEEEKEKLEGDHTIRQ SQQPMKPISPVKDPVSPASQKMVIQGPSSPQGE AMVTD VLEDQKEGRSTNKENPSKALIERPSQNNIGIQTMECSLRV PETVSAATQTIK NVCEQGTSTVDQNFQKQDATVQTERG SGEKPVSA PGDDTESLHSQGEEEFDMPQ

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PPHGHVLHRH MRTIREVRTLVTRVITDVYYVDGTEVERKVTEETEEPIVECQECETE
 VSPSQTGGSSGDLGDISSFSSKASSLHRTSS GTSLSAMHSSGSSGKAGPLRGKT
 SGTEPADFALPSSR GPGKLSPRKGVSTGTPVCEEDGDAGLGIRQGGKAPV TP
 RGRGRRGRPPSRTTGTRETAVPGPLGIEDISPNLSPDD KSFSRVVPRVPDSTRRTD
 VGAGALRRSDSPEIPFQAAA GPSDGLDASSPGNSFVGLRVVAKWSSNGYFYSGKIT
 RD VGAGKYKLLFDDGYECDVLGKDILLCDPIPLDTEVTALSEDEYFSAGVVKGHRKE
 SGELYYSIEKEGQRKWKYKRAMAVI LSLEQGNRLREQYGLGPYEAVTPLTKAADISLDN
 LVEG KRKRNSNVSSPATPTASSSSSTTPTRKITESPRASMGV LSGKRKLITSEEERS
 PAKRGRKSATVKPGAVGAGEFVSPC ESGDNTGEPSELEEQRGPLPLNKTFLGYA
 FLLTMATT SDKLASRSKLPDGPTGSSEEEEFLEIPPFNKQYTESQ LLAGAGYILED
 FNEAQCNTAYQCLLIADQHCRTRKYFLCLASGIPC VSHVWVHDSCHANQLQNYRNY
 LLPAGYSLEEQ RILDWQPRENPFQNLKVLVSDQQQNFLELWSEILMTG GAASVK
 QHHSSAHNKDIALGVFDVVVTDPSCPASVLKC AEALQLPVVSQEWVIQCLIVGERIG
 FKQHPKYKHDYVSH

GENE INFORMATION

Gene Name	TP53BP1 tumor protein p53 binding protein 1 [Homo sapiens]
Official Symbol	TP53BP1
Synonyms	TP53BP1; tumor protein p53 binding protein 1; tumor protein p53 binding protein, 1; tumor suppressor p53-binding protein 1; 53BP1; p202;
Gene ID	7158
mRNA Refseq	NM_001141979
Protein Refseq	NP_001135451
MIM	605230

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Uniprot ID	Q12888
Chromosome Location	15q15-q21
Pathway	DNA Repair, organism-specific biosystem; Double-Strand Break Repair, organism-specific biosystem; Homologous Recombination Repair, organism-specific biosystem; Homologous recombination repair of replication-independent double-strand breaks, organism-specific biosystem; Recruitment of repair and signaling proteins to double-strand breaks, organism-specific biosystem;
Function	RNA polymerase II activating transcription factor binding; RNA polymerase II transcription cofactor activity; damaged DNA binding; p53 binding; protein binding;

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