

Product datasheet for **SC214701**

TCHP (NM_001143852) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	TCHP
Synonyms:	TpMs
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PSI00062)
ACCN:	NM_001143852
Insert Size:	1476 bp



Insert Sequence:

>SC214701 3'UTR clone of NM_001143852

The sequence shown below is from the reference sequence of NM_001143852. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
TACGGACATCCAAAAATTGCTTGGAACTGACTTCATGGGTACCATAAGTACAGAGAACAAAGGGATGCTG
AGGCTTCTGATCCAGCCGCCAGGCAGTTTTACAGGGCTCTGTTAACAGTAAGTGCCCGGGCAGCTGTC
AGATGGCTCAGCAGTGCTGCTCAGGTTTCATCATTGAAACATCCAGTGTTTGCCAGACATTAAAGTG
TCGTGAGAGTCCCTTTTCATGCTTTTACCCAAAGCAAGGGTCTTTGATGGGCACGTGTTTACAGCGCT
GCTGCATAGTCTTGTAAATATATTAACAGTCACATCAACTGAAGGTCAATACTAAGAGCCACAGGTTGTA
CCTGTGATGGGGCGTGTGGTTTCTGTTGTCTCACCTTTAATTGTCAACCTCCAGTGTTGACTCTAGAA
ATATGAGGAAAGCTTTTCAGTTTTTAAATTTGCCATTTAAATTTAGTCTATTAAAAACAAACCTAGAGG
TCTTGGTGCAAGTTGATTTTCAGAGTTTATTAATTTAGTGGTCCCAAAAGTATTACATCTTTTATATTCTG
GAAGAAAAGAACTGTGAACAAATTAGAACCCCGAAGCACTCTGACGTCCATGGACGCAATTCAGAAAAAG
TGGCAAGAGATGAGTCTTCTCCTCCAGGAAGCATTTTGGTAGAATTTCCATAGAGCATTGTCTGTGA
GTGACTGATCCCAACATGTATGTTACTAAGCCCCAAAACGAACCTCAAAGTGGGTGTGGTGCCAGCTGC
CTTTAGTCCAGCTACCCGGGAGGCTGCGGCAAGAGGATTGCTTGAGCCAGGAGTTTCGAGTCCAACT
GGGCAAAAGAGTGAGACCCCATCTCTAAAACCAAAAAGGTACCTTAGAAGGTACCTGGTTGGCTAACC
TTTTAAAGGCAGGGGCGTGACACGTAGGACACATTGGGAATGTCTTGGCTACTACATGTAGCCTTCTGG
GATATATGTGCCAGAGGGAGAACACTGAGCCTGAAGAACTAGATGAGTCTCAGAACACAGACCCGG
CCAGAAATCTCTCCACCATTATATCAGCGTGATACAGGTCTACATTCTTTCTACAAACAGGAACAAG
TTCCTTGACAGCAATAATATTATTTTATGACTTGTATTTTACTATACCCTTCTCTGAGGTTTAGTTTT
CATCACATTATGTTCAAGATTCCATATCTCCGTAATTTACAGCTAATTACAGGGCATTGTTCCATGGTT
ATTAATAATCAGAGTTTATTAATAATCCTGAGTCTTAAGGGCTGTCTTACCTTTCACTTCCACTGTCCT
GTAGAAACAGATCAAGCTGCAACACGCTCTTCATCTGTTGTTTCTTTGCAACTCTTTGACTCT
GATCCCTGAGCAGCACGTTTCATCAGCATGCTCTCTGTTGCGTTCCTCATTTTCAGATGTCCAGTAATG
GTGAAATAAATCCTGCTTCGACAGCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites:

SgfI-MluI

OTI Disclaimer:

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components:

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

Note:

Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq:

NM_001143852.2

Summary:	Tumor suppressor which has the ability to inhibit cell growth and be pro-apoptotic during cell stress. Inhibits cell growth in bladder and prostate cancer cells by a down-regulation of HSPB1 by inhibiting its phosphorylation. May act as a 'capping' or 'branching' protein for keratin filaments in the cell periphery. May regulate K8/K18 filament and desmosome organization mainly at the apical or peripheral regions of simple epithelial cells (PubMed:15731013, PubMed:18931701). Is a negative regulator of ciliogenesis (PubMed:25270598).[UniProtKB/Swiss-Prot Function]
Locus ID:	84260
MW:	56.5