

Product datasheet for **MR207351**

Tchp (NM_029992) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tchp (NM_029992) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tchp
Synonyms:	A930031F18Rik; AV279199
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR207351 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCTCTCCCCACGTTGCCCTTTATTGGTCCAGCCGAAACACATGGATCTTCGCCAGCGCCAGCATC
 AGCAGGAGGACCAGTTTCGCCAGCAGTGGGAACAGAACAGTCGCTATTTTCAGGACCTGGGACATCCACAA
 CTCGAAACAGATCGAATGGAGCTCCAAGATCTCTACCAGCGGAGCATGCACGCCTACCATTGTGAGAA
 ATGAAGGAGGAGAAGAGGAAGATTCTGGAGCTCCGGCGGGAGAGGCTCAGAGAGCTTCTCTGGAGGAAC
 AGGACTTGCTGGCTGCGGAGCTGGATGAGCTCAGGCTGAGCATGGGCTGCGGGAGCAAAGGCTCCGCGA
 GCAGCACCAGGACCTGAAGTCAGCCGAGAAGAACAGAGGAAGCTGATTGCTGAACGACTTTTATATGAA
 CACTGGAAGAAGAACAACCCAACTTCGAGAGCTTGAGTTGGACCTTACAAGAAGCACGTGATAAATT
 CTTGGGCAACACAGAAAGAAGAAAAAACAGCAAGAAGCCACAGAGAAGCAGGAGAACAAGCGTTTGA
 GAACAGTACGCAGCAGCCCGCCGGGAAGCCGAGGCGAGGATGAGAGTCGAGGAGGAGAGGAGGCAGCTA
 GAGGGGCGCTGCAGGCCGAGGCGCTGCCAGCAGATGGAGGAGCTGAAGCAGAAGGAGATGGAGGCAA
 CCAAACTGAAGAAGGAACAGGAGAACCTGCTGAGGCAGCGCTGGGAGCTGGAAGGCTGGAGGAGGAAAG
 GAGGCAGATGGCCGCCCTCCGGCGCAAGACAGAGCTGGGGCGCTTCTTGAACATCAGTACAACGCGCAG
 CTCAACAGGCGCACCCAGGAGATCCAGGAGGAGCTGGAGGTAGATGGGCGGATCTGCAGGCCCTCTGG
 AGAAGGAAGGCGAGTTGCAGCAGGTGGAAGTGGCCAGGCGGGAGCAAGCCCGGGCCGATGCGGCCTGGAT
 GAAGCAGGTATCGAGGAGCACTGCAGCTGGAGAAGCACGGGAGGCAGAGCTGCAGCAGCTGCTGAGG
 GAGGAGCCAAGGAGATGTGGGAGAAGAGAGAGCCGAGTGGGCCGAGAGCAGGTGCGCGGGACAGAC
 TGATGAGTGAGGTTCTGACCGGGAGGCAGCAGCAGATCTGGAGAAGATTGAACAGAACCAGCGGGCACA
 GGAGGAGACCCTCAAACACAGGGAGAACTCATCAGGAGTCTCGAGGAGGGGAAGCAGTTAGCTCAGCGA
 GCCAAGGAGGAGAGTGAAGAGCTGAAGTTGGCCAGGAAGCAGGAGCTGGAAGCCAGGTGGGCCCCAAG
 GCAAGGGCGCCCTCGCAGGACACTACAGAACAGAGCTCGGCCGAGGTCCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207351 protein sequence
 Red=Cloning site Green=Tags(s)

MALPTLPSYWSSRKHMDLRQRQHQQEDQFRQQWEQNSRYFRTWDIHNSKQIEWSSKISYQRSMHAYHCEK
 MKEEKRLILELRRERLRELLLEEQDLLAEDELRLSMGLREQRLREQHDLKSAREEQRKLIAERLLYE
 HWKKNPKLRELELDLHKKHVINSWATQKEEKQEQEATEKQENKRLLENQYAAARREAEARMRVEEERRQL
 EGRLQAEALRQQMEELKQKEMEATKLKKEQENLLRQRWELERLEEERRQMAALRRKTELGRFLKHQYNAQ
 LNRRTQEQEELVDGRILQALLEKEGELQQVELARREQARADAAMKQVIEEQLEKAREAEQLLR
 EEAKEMWEKREAEWAREQVARDRLMSEVLTGRQQQILEKIEQNRRAQEETLKHREKLIRSL EEGQLAQR
 AKEESEELKLARKQELEAVGPKGKGLAGHYRTELGRGP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

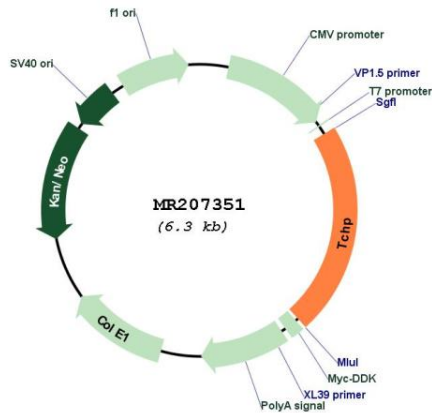
SgfI-MluI

Cytogenetics: 5 F

MW: 55.9 kDa

Gene Summary: Tumor suppressor which has the ability to inhibit cell growth and be pro-apoptotic during cell stress. 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 (By similarity). Is a negative regulator of ciliogenesis (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR207351