

Product datasheet for **MC218248**

Stip1 (NM_016737) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Stip1 (NM_016737) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Stip1
Synonyms:	Hop; p60; Sti1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC218248 representing NM_016737
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGCAGGTGAATGAGCTAAAGGAGAAGGGCAATAAGGCCCTGAGTGTGGGAACATTGATGATGCCT
 TACAGTGTACTCTGAGGCAATTAAGTAACTAGATCCCCAGAACCATGTGCTCTACAGCAATCGCTCTGCAGC
 CTACGCCAAGAAAAGGAGACTACCAGAAGGCCTATGAGGACGGCTGCAAGACTGTTGACCTGAAGCCTGAC
 TGGGGCAAGGGTTATTCAAGAAAAGCAGCAGCCCTTGAATTCCTAAACCGGTTTGAGGAAGCCAAACGAA
 CCTATGAAGAAGGTTTAAACATGAAGCCAATAATCTCCAGCTTAAGGAGGGCTTGACAGAACATGGAGGC
 CAGGTTGGCAGAGAGAAATTCATGAATCCATTCAACTTGCTAATCTATACAAAAGTTGGAAAACGAC
 CCCAGGACAAGGTCGCTGCTCAGTGACCCACCTACAGGGAGCTCATAGAACAGCTGCAGAACAGCCGT
 CAGACCTGGGCACGAAACTACAGGATCCCCGGGTGATGACTACTCTGAGTGTCTCTTGGGGTTGATCT
 GGGCAGCATGGATGAAGAGGAAGAGGCAGCAACACCCCAACCCCACTCTCCAAAAAGGAGCCCAAG
 CCAGAACCAATGGAAGAAGATCTTCCAGAGAATAAGAAACAGGCACTGAAAGAGAAGGAGCTGGGAAATG
 ATGCCTACAAGAAGAAAGATTTTGACAAGGCCCTGAAGCATTATGACAGAGCCAAGGAACCTGGACCCCTAC
 CAACATGACCTACATAACTAATCAAGCAGCTGTGCACTTTGAGAAGGGCGACTATAACAAATGCCGGGAG
 CTCTGTGAGAAGGCCATTGAAGTGGCAGAGAGAACCGAGAGGACTACCGGCAGATCGCCAAAGCTTATG
 CCCGAATTGGCAATTCCTATTTCAAAGAAGAAAAGTACAAGGATGCTATACATTTCTACAACAAGTCTCT
 AGCAGAGCACCGAACCCAGATGTGCTCAAGAAGTGCCAGCAGGCAGAGAAAATTCTGAAGGAACAGGAG
 CGCTTGGCTTATATCAACCCTGACTTGGCTTTGGAGGAGAAGAACAAAGGGCAACGAATGCTTCCAGAAAG
 GGGACTACCCCAAGCCATGAAGCACTATACAGAAGCCATTAAGGAACCCGAGAGATGCCAAACTGTA
 CAGCAACCGAGCTGCCTGCTACACCAAGCTCCTGGAGTTTCAGCTGGCACTCAAGGACTGTGAGGAGTGC
 ATCCAGCTAGAGCCAACCTTCATCAAGGGTTATACACGGAAGCAGCTGCTCTGGAAGCCATGAAGGACT
 ATACAAAAGCCATGGATGTGTACAAAAAGCGTTAGACCTGGACTCCAGCTGTAAGGAAGCAGCAGATGG
 TTACCAACGCTGTATGATGGCACAGTACAACAGACATGATAGCCCTGAGGATGTGAAGCGGGCGGCCATG
 GCTGACCTGAGGTGCAGCAGATAATGAGTGACCCAGCCATGAGACTCATCTGGAGCAGATGCAAAAGG
 ACCCCAGGCTCTGAGCGAACACTTAAGAATCCTGTAATAGCGCAGAAGATCCAGAAGCTGATGGATGT
 GGGTCTCATCGCAATTCGG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_016737
- Insert Size:** 1632 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_016737.2](#), [NP_058017.1](#)

RefSeq Size: 2173 bp

RefSeq ORF: 1632 bp

Locus ID: 20867

UniProt ID: [Q60864](#)

Cytogenetics: 19 A

Gene Summary: Acts as a co-chaperone for HSP90AA1. Mediates the association of the molecular chaperones HSPA8/HSC70 and HSP90.[UniProtKB/Swiss-Prot Function]