

Product datasheet for **SC333193**

Hsp75 (TRAP1) (NM_001272049) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hsp75 (TRAP1) (NM_001272049) Human Untagged Clone
Tag:	Tag Free
Symbol:	Hsp75
Synonyms:	HSP 75; HSP75; HSP90L; TRAP-1
Vector:	pCMV6-Entry (PS100001)



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Fully Sequenced ORF: >SC333193 representing NM_001272049.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGCGCGGAGCTGCGGGCGTGTGCTGTGGGGCCGCCCTGCGGCCTTTGCTGCGGGCGCCGGCG
CTGGCGGGCGTGCCGGGAGGTTCCACTTCCAAACATGAGTTCCAGGCCGAGACAAAGAAGCTTTGGAC
ATTGTTGCCCGGTCCCTGTACTCAGAAAAAGAGGTGTTTATACGGGAGCTGATCTCCAATGCCAGCGAT
GCCTTGGAAAAACTGCGTCACAAACTGGTGTCTGACGGCCAAGCACTGCCAGAAATGGAGATTCACATTG
CAGACCAATGCCGAGAAAGGCACCATCACCATCCAGGATCTGGTATCGGGATGACACAGGAAGAGCTG
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GTGGAGGTCTATCCCGCTCGGCAGCCCCGGGAGCCTGGGTTACCAGTGGCTTTCAGATGGTCTGGA
GTGTTTGAATCGCCGAAGCTTCGGGAGTTAGAACCGGGACAAAAATCATCATCCACCTGAAATCCGAC
TGCAAGGAGTTTTCCAGCGAGGCCCGGGTGCAGATGTGGTAACGAAGTACAGCAACTTCGTCAGCTTC
CCCTTGTACTTGAATGGAAGCGGATGAACACCTTGCAGGCCATCTGGATGATGGACCCCAAGGATGC
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CACTATAAGACGGACGCACCGCTCAACATCCGCAGCATCTTCTACGTGCCCGACATGAAACCGTCCATG
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GCCACGGACATCCTGCCAAGTGCTGCGCTTCCAGAGGTGGTGGACAGTGAAGACATTCCCTG
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TATGAGGCCATGAAGAAGAAAGACACAGAGGTTCTCTTCTGCTTTGAGCAGTTTGATGAGCTCACCTG
CTGCACCTTCGTGAGTTTGACAAGAAGAAGCTGATCTCTGTGGAGACGGACATAGTCGTGGATCACTAC
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AACGCCATGATTGCTGCTGGACTTGTGACGACCTAGGGCCATGGTGGGCCGCTTGAATGAGCTGCTT
GTCAAGGCCCTGGAGCGACACTGA
  
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Restriction Sites: SgfI-MluI

ACCN: NM_001272049

Insert Size: 1956 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_001272049.1](#)

RefSeq Size: 2153 bp

RefSeq ORF: 1956 bp

Locus ID: 10131

UniProt ID: [Q12931](#)

Cytogenetics: 16p13.3

Protein Families: Druggable Genome

MW: 74.3 kDa

Gene Summary: This gene encodes a mitochondrial chaperone protein that is member of the heat shock protein 90 (HSP90) family. The encoded protein has ATPase activity and interacts with tumor necrosis factor type I. This protein may function in regulating cellular stress responses. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jan 2013]
Transcript Variant: This variant (2) lacks an alternate in-frame exon in the 5' coding region compared to variant 1. It encodes isoform 2 which is shorter than isoform 1.