

Product datasheet for **SC312046**

Hsp75 (TRAP1) (AK095412) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hsp75 (TRAP1) (AK095412) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRAP1
Synonyms:	DNL1; DRNI
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for AK095412, the custom clone sequence may differ by one or more nucleotides ATGGTAAGGGGCTGGCCAGGTTCCATTTACATGGGTGCAACCTAAACTGCATACAGCTC CTTATAGTTACCCACATGTCCACAGGCCTCACGCACTTTTCTTCTGTGTACATTCCACA ACAAAAGAACACCACACACAGGATTCTGGGGAATCCCACAGGCTGGAAGAGCCAGGAGCG TGGCCTCACCTGGGGTTGATCTCCAGCGTGGGCTGCAGGAGCTGTGCGCGCTCCTCCTGG GTCTTGGCCAGCTGCTGCATGCGCAGGAAGTGGCGGGCAGCCCCATCTCCAGCACGGTG ACCATGGCAGGGTGGGTGTCCAGTCCGAGGGTCACCTGTGAGCAAAGCCGGGGTTGAGG GTGATAGAGGTTCCCAATGTGAGAGGGCTGGCAGGATCTTACCAGGGG
Restriction Sites:	Please inquire
ACCN:	AK095412
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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).



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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: [AK095412.1](#)

RefSeq Size: 2777 bp

RefSeq ORF: 2777 bp

Locus ID: 10131

Cytogenetics: 16p13.3

Protein Families: Druggable Genome

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]