

Product datasheet for **SC333904**

HSPA14 (NM_001278205) Human Untagged Clone

Product data:

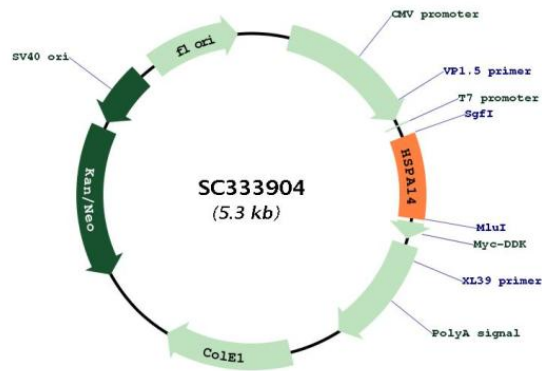
Product Type:	Expression Plasmids
Product Name:	HSPA14 (NM_001278205) Human Untagged Clone
Tag:	Tag Free
Symbol:	HSPA14
Synonyms:	HSP70-4; HSP70L1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC333904 representing NM_001278205. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGATCGCC
ATGGCGGCATCGGAGTTCACCTGGGCTGCACCTCAGCCTGTGTGGCCGTCTATAAGGATGGCCGGGCT
GGTGTGGTTGCAAATGATGCCGGTGACCGAGTTACTCCAGCTGTTGTTGCTTACTCAGAAAATGAAGAG
ATTGTTGGATTGGCAGCAAAACAAAGTAGAATAAGAAATATTTCAAATACAGTAATGAAAGTAAAGCAG
ATCCTGGGCAGAAGGGTGTCTCAAGGGACCCCGCTACAGCAGCTCCACAGCCTTTTCAGAGGTGC
AGTTGCTCCCTGTCAGAGCAGCCCATGGCCAGACTGGGTGTGTCCGGGGAGCCAGCCCTGCACCAG
CACCAACCGCAGCACTCCTGGGGTAGCCTCCACACCGCAGACTCCAGTCTCCTCTCGAGAGCTGGTTT
TGTTTCTGGTGGGATAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:


ACCN: NM_001278205

Insert Size: 432 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_001278205.1](#)

RefSeq Size:	4110 bp
RefSeq ORF:	432 bp
Locus ID:	51182
Cytogenetics:	10p13
Protein Families:	Druggable Genome, Stem cell - Pluripotency
MW:	15.7 kDa
Gene Summary:	<p>Component of the ribosome-associated complex (RAC), a complex involved in folding or maintaining nascent polypeptides in a folding-competent state. In the RAC complex, binds to the nascent polypeptide chain, while DNAJC2 stimulates its ATPase activity.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) contains an alternate 3' exon in place of the last several exons compared to variant 1. The resulting isoform (3) has a shorter and distinct C-terminus compared to isoform 1.</p>