

Product datasheet for **SC202508**

Cpn10 (HSPE1) (NM_002157) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Cpn10 (HSPE1) (NM_002157) Human 3' UTR Clone
Symbol:	Cpn10
Synonyms:	CPN10; EPF; GROES; HSP10
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002157
Insert Size:	220 bp
Insert Sequence:	>SC202508 3'UTR clone of NM_002157 The sequence shown below is from the reference sequence of NM_002157. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA GCGATCGCC GGTGACATTCTTGAAAGTACGTAGACT TGA AATAAGTCACTATTGAAATGGCATCAACATGATGCTGCC CATTCCACTGAAGTTCTGAAATCTTTCGTCATGTAATAATTTCCATATTCTCTTTTATAATAAACTA ATGATAACTAATGACATCCAGTGTCTCCAAAATTGTTTCCTTGTACTGATATAAACACTTCCAAAATAA AATATGTAAATGA ACGCGT AAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_002157.3</u>



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Summary:

This gene encodes a major heat shock protein which functions as a chaperonin. Its structure consists of a heptameric ring which binds to another heat shock protein in order to form a symmetric, functional heterodimer which enhances protein folding in an ATP-dependent manner. This gene and its co-chaperonin, HSPD1, are arranged in a head-to-head orientation on chromosome 2. Naturally occurring read-through transcription occurs between this locus and the neighboring locus MOBKL3.[provided by RefSeq, Feb 2011]

Locus ID:

3336

MW:

8.5