

## Product datasheet for **SC200783**

### CHMP2A (NM\_198426) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	CHMP2A (NM_198426) Human 3' UTR Clone
Symbol:	CHMP2A
Synonyms:	BC-2; BC2; CHMP2; VPS2; VPS2A
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_198426
Insert Size:	113 bp
Insert Sequence:	>SC200783 3'UTR clone of NM_198426 The sequence shown below is from the reference sequence of NM_198426. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA <b>GCGATCGCC</b> GAACGGCTTAAGAACCTGCGGAGGGACT <b>TG</b> AGTGCCCTGCCACTCCGAGATAACCCAGTGGATGCCCAGG ATCTTTTACCACAACCCCTCTGTAATAAAAGAGATTTGACACTA <b>ACGCGT</b> AAGCGGCCGCGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-Mlul
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><a href="#">NM_198426.3</a></u>



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**Summary:** CHMP2A belongs to the chromatin-modifying protein/charged multivesicular body protein (CHMP) family. These proteins are components of ESCRT-III (endosomal sorting complex required for transport III), a complex involved in degradation of surface receptor proteins and formation of endocytic multivesicular bodies (MVBs). Some CHMPs have both nuclear and cytoplasmic/vesicular distributions, and one such CHMP, CHMP1A (MIM 164010), is required for both MVB formation and regulation of cell cycle progression (Tsang et al., 2006 [PubMed 16730941]).[supplied by OMIM, Mar 2008]

**Locus ID:** 27243

**MW:** 4.6