

Product datasheet for **SC203863**

CHMP4A (NM_014169) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	CHMP4A
Synonyms:	C14orf123; CHMP4; CHMP4B; HSPC134; SHAX2; SNF7; SNF7-1; VPS32-1; VPS32A
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PSI00062)
ACCN:	NM_014169
Insert Size:	292 bp
Insert Sequence:	<p>>SC203863 3'UTR clone of NM_014169 The sequence shown below is from the reference sequence of NM_014169. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CTAAAGCAGTTGGCTGAGTGGGTATCCGTAAATCTGGGCTTGTCTTCTAATGCTACCTTTGTTGGT CCTTTCTTCTTAAGTGCCAAGTGCTGAGCTAAAGGAGGATAACTTTTGGGGAAGTCATGCTGAGGGT GGTAGTGTGACCCCTGCCTGAAAAAAGGGTCTCTTACCCTCCCAGCCCTGGCTCAACTCTGAAGAAGGAT CTTGCTACAGAAGGAGCCCTTGGGCTCCCTTCTCTTTGATAGCAGTTATAATGCCCTTGTCCCAATAA AACTGGGCAGATGGAA ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG </pre>
Restriction Sites:	SgfI-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.



Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_014169.5</u>
Summary:	CHMP4A 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:	29082
MW:	10.6