

Product datasheet for **SC210197**

CHMP4B (NM_176812) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: CHMP4B (NM_176812) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: CHMP4B
Synonyms: C20orf178; CHMP4A; CTPP3; CTRCT31; dj553F4.4; Shax1; SNF7; SNF7-2; Vps32-2; VPS32B
ACCN: NM_176812
Insert Size: 836 bp
Insert Sequence: >SC210197 3'UTR clone of NM_176812

The sequence shown below is from the reference sequence of NM_176812. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGCATCGCC
GAATTGGAGAAGTGGGCTGGATCCATGTAATGGGGTCCAGCGCTGGCTGGGCCAGACAGACTGTGGTG
GCCTGCGCAGCGAGCAGGCGTGTGCGTGTGTGGGGCAGGCAGGATGTGGTGCAGGCAGGTTCCATCGT
TTCGACTCTCACTCCAAAGCAGTAGGGCCGCGTTGCTGCTCACTCTCGCATAGCATGGTCTGCACCTG
GGAGATGGGCGGGGAGGGGGCGGGCGGGTGGGAAGTGCCTGCTGTTATAATGTTGAATTTCTGT
AAAATAAACTGTATTTGCAAATCCAACATTGAGCTTCTGGACTACGCTGACTCCACTGCTGAATCTCA
ATGGAAAGGGTCGACTGGTTGCAGTTGAAATGACCTGAAATGTAGCCTCTGCCTTGTAAGTCAGTTGA
CTTGCCGCACATCTTTTGTGTAAGTGTACGGTACTGGCAGAAAAGTCATTTTCAAAGCCATAGGCT
TTTCCTTGCCCTTAGCTGTAATAATGCATCTGATTTTGATTTCCAGAGCTGTGTTTCTGTCCATCA
CCTGTGTATTGGCCCTGTGTTTACCACTCTGGCCACTCCTCACCCCTTGCTCCCCTGGTCTTCTGGA
GTTTGTGACATTGATTTGAAATGGATGGTGTCTCTTGAGAGCAAGTGAAGTGTAGAAATTAAGTTC
AACTATACAGTTTCTAACATAGCTATAAGGTCCTTGTGCTGTTGTGATAACTGATAGATAACTCAT
TGAAACGTGCATACATTATATTCAGATGAAATTATGGTTTGCCTGCTATTAATATCTCGATTA
TTTTATA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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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).



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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:	NM_176812.5
Summary:	This gene encodes a member of the chromatin-modifying protein/charged multivesicular body protein (CHMP) protein family. The protein is part of the endosomal sorting complex required for transport (ESCRT) complex III (ESCRT-III), which functions in the sorting of endocytosed cell-surface receptors into multivesicular endosomes. The ESCRT machinery also functions in the final abscission stage of cytokinesis and in the budding of enveloped viruses such as HIV-1. The three proteins of the CHMP4 subfamily interact with programmed cell death 6 interacting protein (PDCD6IP, also known as ALIX), which also functions in the ESCRT pathway. The CHMP4 proteins assemble into membrane-attached 5-nm filaments that form circular scaffolds and promote or stabilize outward budding. These polymers are proposed to help generate the luminal vesicles of multivesicular bodies. Mutations in this gene result in autosomal dominant posterior polar cataracts.[provided by RefSeq, Oct 2009]
Locus ID:	128866
MW:	31.3