

Product datasheet for **SC216252**

CHMP2B (NM_014043) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CHMP2B (NM_014043) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CHMP2B
Synonyms:	ALS17; CHMP2.5; DMT1; FTDALS7; VPS2-2; VPS2B
ACCN:	NM_014043
Insert Size:	1764 bp



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Insert Sequence: >SC216252 3'UTR clone of NM_014043
 The sequence shown below is from the reference sequence of NM_014043. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CGGCAACTCAAGGCTTTAGGAGTAGATTAGTCAAAAAGAAGTCATACTATTTTGCTTACTTATAATTATG
TAGTATAAACCAAGCACAGTGCAGATTTCTTTTACAAAACACATGTATTTTGCAAAAAAAAAAAAAATG
AAGACCATGAGTGAACAGTTGTTTCTAACCCATGGCTATTTAGAATCTTTTGCCAAAGAATGACAAATG
ATGCAAAAATGGGAACAGTTTGGATTTTAAATTAGAACTGTTTAGGAGTGTATGTGTAAAAAGTTGAC
TTCTCTTTTGCATGGCACAGAGAAATTATTCCTTACTTTCATGTCAGTTTATGTTCTAAATCTTTTTC
ACTGAATATAAAAATCTGTAAATGCCATTAGGCACCAACTTAAAGAGGGTTGAAAAATATTAAG
TATATCGTTAATCTGTATCTGTTGCTTGTCTTTTGAAGTGATTATGTGTTATGACCATAGGTGGTTA
CAGCTGCCAAATTATTTTAAATGGTCAAAAAGAAGAGTGCTATTTAAACATCTGTCTTAAACAAAAAC
TGTCATAACTTTTCTTTTCTTTTCCATTAGGAGAACATTCTAGTTGGTAAATTTCAAAATGTGCTT
GACACCTGCCTTAAATAGCACAGACCTATTGTGCACATCTTAAATTTTTCAGCTGGCAGAAAAGAAAT
TACATTTAAAACCTGAAATCAAGGCCTCAATACAAAAGATTATCCTGGCTCTTTTCTATCTCTGTGGCCCT
AATTGAAATATGTACTCTTATTTTAGACACGCCTCTGTTAAAACAGACCAGGTTTTCTGGTCTCAGAC
CTATGATGACTTGTCCCTTTGATGTCACACTGTGAATGAATATAAATTAGTAAAAATAGACGATGAAT
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TTATAAATTTAACTGTTAATTTGTTAATGTGTATATTGAATCTTCCAAATTTGAAGCCATTATCTC
AATTAAGTACTACAACATGACAATGCTTGACCTACATTTCTAAAAATAAAATTCACATTTTGTATAA
ATAAACTACAGTTTTACCAGAAATTAATCTAAATGTGTATTAGCAGTATTTTTTAAGGTGAAATGTC
CTTGGTATCTAATGAATGTGTAGACAGGGAGATAAAATGAAGGATTGCCAGACTAGTTAGAATAGAATT
TAGGATTAGGTTAGTTTTGAAAAATGATGTTGTAATATATGGGTTCTAACACATCTACCATAAAAACT
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CTTAGGACTAGTATACATGTGACACGGATTGCTAGGAGGAATGAAAACTAACTGTATAGTTTATATT
CCGTAACCACTTTTATAATGTTCAAAGATTAGGTTTTGTTATTGATAGTATTAATACACAGTTTCTCT
TAACAGTGATGGGTGAAAACATTTTACCGATTATGGAATGTTTACCAGAACATGTTTGTATTCTTGAA
TGTACATAATAATGCCATCTAATTTACGTTCTTGTTTACATGTGGGAGCTTTTGTTCAAAAAT
TATTTTGTAAAAAATCTCAATAAAGATTATTATTGTTGTTCTTTTCTTACCTTTTTTGTCTTTTTTG
GTTCTGCTAAAAATTAATAATTTTATGCATATTTGGTAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
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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).

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_014043.4](#)

Summary: This gene encodes a component of the heteromeric ESCRT-III complex (Endosomal Sorting Complex Required for Transport III) that functions in the recycling or degradation of cell surface receptors. ESCRT-III functions in the concentration and invagination of ubiquitinated endosomal cargos into intraluminal vesicles. The protein encoded by this gene is found as a monomer in the cytosol or as an oligomer in ESCRT-III complexes on endosomal membranes. It is expressed in neurons of all major regions of the brain. Mutations in this gene result in one form of familial frontotemporal lobar degeneration. [provided by RefSeq, Jul 2008]

Locus ID: 25978

MW: 70.3