

Product datasheet for **RG222461**

CHMP7 (NM_152272) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CHMP7 (NM_152272) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CHMP7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG222461 representing NM_152272 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGGTCCCCGAGCGGGAGGCCGAGGCCCCAGCCGGGGAGACCCGGCGGGCCTTCTGCCCCCGAGT
GGGAGGAGGACGAGGAGCGCATGTCCTTCTCTCGCTTTCAAGAGGAGTCGCGAGGTGAACAGCAC
CGACTGGGACAGCAAGATGGGCTTCTGGGCGCCGTTGGTGTGAGCCACAGCCGCCAGGGGGTGGTG
CGCCTGCGTCTGCGGGACTTGCAGGAGGCCCTTTCAGCGCAAGGGGAGCGTCCCGCTGGGGTGGCCACGG
TGCTGCAGGACCTGCTGCGTCGAGGGGAGCTGCAGCGGGAGTCAGACTTTCATGGCCAGTGTAGACGAG
CTGGATCTCCTGGGGGGTGGGGTCTTCTGCTGAAGCCTCTCAAGTGGACTCTTTCTAACATGCTGGGA
GATAATAAGGTTCCAGCTGAGGAGGTCCTGTGCTGTGGAGCTGTTGAAGGAAAAGGCTGAGGAGGTGT
ATCGTCTGTATCAGAAGCTCGCCCTCTCCTCCACCCCGTGGTGGCCCTGTGAGAGCTCAGCACCCCTCTG
TGCTAACTCCTGCCAGATGAGAGGACCTTCTACTTGGTGTGCTGCAGCTGCAGAAGGAGAAGAGGGTCT
ACAGTCTCGAGCAGAACGGGGAGAAGATTGTGAAGTTTGCCCGAGGGCCACGTGCCAAGGTCTCTCCAG
TCAATGACGTAGATGTTGGGGTGTACCAGCTGATGCAGAGTGAACAGCTTCTCTCACGCAAAGTGGAGTC
CTTATCCAGGAAGCAGAGAGGTGTAAGAAGAAGCCCGGGCATGCCGAGCAGGAAAGAAGCAGCTG
GCACTGAGGTCTCTCAAGCCAAGCAACGGACAGAGAAGCGCATCGAGGCCTTGCATGCCAAGCTGGACA
CTGTTCAAGGCATCCTGGACCGGATCTATGCCTCCAGACAGATCAGATGGTTTTAACCGCTACCAGGC
TGGGGTAGGAGCACTCAAACTCTCCATGAAGGATGTCACAGTGGAGAAGGCAGAGAGCCTCGTGGATCAG
ATCCAAGAGCTCTGTGACACCCAGGATGAAGTTTCTCAGACTCTGGCTGGTGGGGTAAACAAATGGCTTAG
ATTTTGACAGTGAAGAACTGGAGAAGGAATTGGACATCCTCCTTCAGGATACCACCAAAGAACCTTTGGA
TCTGCCTGACAACCCCGCAATAGGCATTTTACCAACAGCGTGCCTAACCTAGGATCTCAGATGCTGAA
CTTGAAGCTGAAGTTGAGAACTGTCCTTATCAGAGGGAGGTTTGGTCCCAAGCAGTAAATCTCCAAAAA
GGCAATTGGAACCGACTCTAAAGCCATTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_152272.5](#)

RefSeq Size: 3420 bp

RefSeq ORF: 1362 bp

Locus ID: 91782

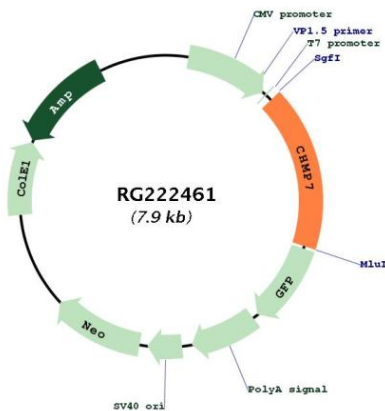
UniProt ID: [Q8WUX9](#)

Cytogenetics: 8p21.3

Domains: SNF7

Gene Summary: ESCRT-III-like protein required to recruit the ESCRT-III complex to the nuclear envelope during late anaphase (PubMed:26040712). Together with SPAST, the ESCRT-III complex promotes nuclear envelope sealing and mitotic spindle disassembly during late anaphase (PubMed:26040712). Plays a role in the endosomal sorting pathway (PubMed:16856878). [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG222461