

## Product datasheet for **RC233469**

### IST1 (NM\_001270978) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** IST1 (NM\_001270978) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** IST1  
**Synonyms:** CHMP8; OLC1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >RC233469 representing NM\_001270978  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCACAAGCTGAGTGTGGAAGCCCCACCCAAAATCCTGGTGGAGAGATACCTGATTGAAATTGCAAAGA  
ATTACAACGTACCCTATGAACCTGACTCTGTGGTCATGGCAGAAGCTCCTCCTGGGGTAGAGACAGATCT  
TATTGATGTTGGATTACAGATGATGTGAAGAAAGGAGGCCCTGGAAGAGGAGGGAGTGGTGGCTTCACA  
GCACCAGTTGGTGGACCTGATGGAACGGTGCCAATGCCCATGCCATGCCATGCCTATGCCATCTGCAA  
ATACGCCCTTCTCATATCCACTGCCAAAGGGACCATCAGATTTCAATGGACTGCCAATGGGGACTTATCA  
GGCCTTCCCAAATATTCATCCACCTCAGATACCAGCAACTCCCCATCGTATGAATCTGTAGATGACATT  
AATGCTGATAAGAATATCTTCTGACAGATTGTTGGTCTGGACCCAAGCCAGAAGCCTCTGCAAAGC  
TTCTTCCAGACCTGCAGATAACTATGACAACCTTGTCTACCAGAGTTGCCATCTGTGCCAGACACACT  
ACCAACTGCATCTGCTGGTGCCAGCACCTCAGCATCTGAAGACATTGACTTTGATGATCTTCCCGGAGG  
TTTGAAGAGCTGAAAAAGAAAACA

**ACGCGT**ACGCGGGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**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\\_001270978.2](#)

**RefSeq Size:** 3667 bp

**RefSeq ORF:** 657 bp

**Locus ID:** 9798

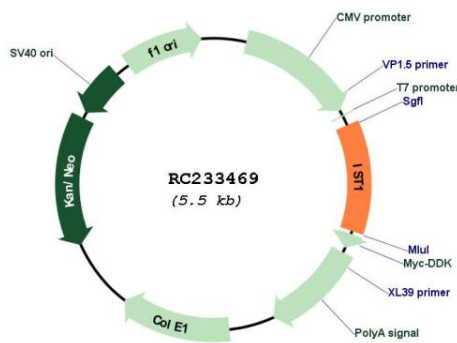
**UniProt ID:** [P53990](#)

**Cytogenetics:** 16q22.2

**MW:** 23.5 kDa

**Gene Summary:** This gene encodes a protein with MIT-interacting motifs that interacts with components of endosomal sorting complexes required for transport (ESCRT). ESCRT functions in vesicle budding, such as that which occurs during membrane abscission in cytokinesis. There is a pseudogene for this gene on chromosome 19. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Aug 2012]

## Product images:



Circular map for RC233469