

Product datasheet for RC233805

IST1 (NM_001270977) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: IST1 (NM_001270977) 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: >RC233805 representing NM_001270977
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTGGGCTCTGGATTTAAAGCTGAGCGCTTAAGAGTGAATTTGAGATTAGTCATAAATCGCCTTAAAC
 TATTGGAGAAAAAGAAACGGAAGTGGCCAGAAAGCAAGGAAGGAGATTGCTGACTATCTGGCTGCTGG
 GAAAGATGAACGAGCTCGGATCCGTGTGGAGCACATTATCCGGGAAGACTACCTCGTGGAGGCCATGGAG
 ATCCTGGAGCTGTACTGTGACCTGCTGCTGGCTCGGTTTGGCCTTATCCAGTCTATGAAGGAACTAGATT
 CTGGTCTGGCTGAATCTGTGTCTACATTGATCTGGGCTGCTCCTCGACTCCAGTCAGAAGTGGCTGAGTT
 GAAAATAGTTGCTGATCAGCTCTGTGCCAAGTATAGCAAGGAATATGGCAAGCTATGTAGGACCAACCAG
 ATTGGAAGTGTGAATGACAGGCTAATGCACAAGCTGAGTGTGGAAGCCCCACCAAAATCCTGGTGGAGA
 GATACCTGATTGAAATTGCAAAGAATTACAACGTACCCTATGAACCTGACTCTGTGGTCAATGGCAGAAGC
 TCCTCCTGGGGTAGAGACAGATCTTATTGATGTTGGATTCACAGATGATGTGAAGAAAGGAGGCCCTGGA
 AGAGGAGGGAGTGGTGGCTTACAGCACAGTGGTGGACCTGATGGAACGGTGCCAATGCCATGCCCA
 TGCCCATGCCTATGCCATCTGCAAATACGCCTTCTCATATCCACTGCCAAAGGGACCAGTAGATGACAT
 TAATGCTGATAAGAATATCTCTTCTGCACAGATTGTTGGTCTGGACCAAGCCAGAAGCCTCTGCAAAG
 CTTCCCTCCAGACCTGCAGATAACTATGACAACCTTGTCTACCAGAGTTGCCATCTGTGCCAGACACAC
 TACCAACTGCATCTGCTGGTGGCCAGACCTCAGCATCTGAAGACATTGACTTTGATGATCTTTCCCGGAG
 GTTTGAAGAGCTGAAAAAGAAAACA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 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_001270977.2](#)

RefSeq Size: 3946 bp

RefSeq ORF: 1008 bp

Locus ID: 9798

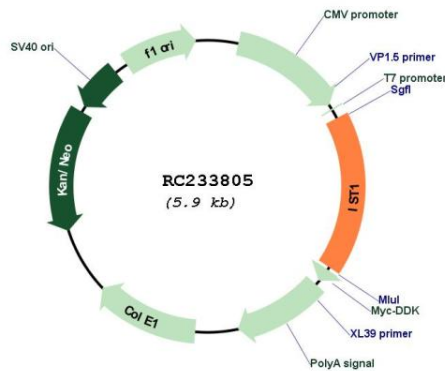
UniProt ID: [P53990](#)

Cytogenetics: 16q22.2

MW: 37.1 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 RC233805