

Product datasheet for RC233891

IST1 (NM_001270975) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: IST1 (NM_001270975) 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: >RC233891 representing NM_001270975
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTGGGCTCTGGATTTAAAGCTGAGCGCTTAAGAGTGAATTTGAGATTAGTCATAAATCGCCTTAAAC
 TATTGGAGAAAAAGAAACGGAAGTGGCCAGAAAGCAAGGAAGGAGATTGCTGACTATCTGGCTGCTGG
 GAAAGATGAACGAGCTCGGATCCGTGTGGAGCACATTATCCGGGAAGACTACCTCGTGGAGGCCATGGAG
 ATCCTGGAGCTGTACTGTGACCTGCTGCTGGCTCGGTTTGGCCTTATCCAGTCTATGAAGGAACTAGATT
 CTGGTCTGGCTGAATCTGTGTCTACATTGATCTGGGCTGCTCCTCGACTCCAGTCAGAAGTGGCTGAGTT
 GAAAATAGTTGCTGATCAGCTCTGTGCCAAGTATAGCAAGGAATATGGCAAGCTATGTAGGACCAACCAG
 ATTGGAAGTGTGAATGACAGGCTAATGCACAAGCTGAGTGTGGAAGCCCCACCCAAAATCCTGGTGGAGA
 GATACCTGATTGAAATTGCAAAGAATTACAACGTACCCTATGAACCTGACTCTGTGGTCATGGCAGAAGC
 TCCTCCTGGGGTAGAGACAGATCTTATTGATGTTGGATTCACAGATGATGTGAAGAAAGGAGGCCCTGGA
 AGAGGAGGGAGTGGTGGCTTACAGCACAGTGGTGGACCTGATGGAACGGTGCCAATGCCATGCCCA
 TGCCCATGCCTATGCCATCTGCAAATACGCCTTCTCATATCCACTGCCAAAGGGACCATCAGATTTCAA
 TGGACTGCCAATGGGACTTATCAGGCCTTCCCAATATTCATCCACCTCAGATACCAGCAACTCCCCCA
 TCGTATGAATCTGTAGATGACATTAATGCTGATAAGAATATCTTCTGCACAGATTGTTGGTCTGGAG
 CCAAGCCAGAAGCCTCTGCAAAGCTTCCCTCCAGACCTGCAGATAACTATGACAACCTTTGTCTACCAGA
 GTTGCCATCTGTGCCAGACACACTACCAACTGCATCTGCTGGTGGCAGCACCTCAGCATCTGAAGACATT
 GACTTTGATGATCTTTCCGGAGGTTTGAAGAGCTGAAAAAGAAAACA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 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_001270975.2](#)

RefSeq Size: 4039 bp

RefSeq ORF: 1101 bp

Locus ID: 9798

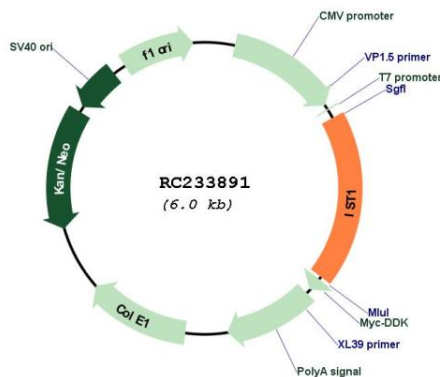
UniProt ID: [P53990](#)

Cytogenetics: 16q22.2

MW: 40.4 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 RC233891