

Product datasheet for **RG233891**

IST1 (NM_001270975) Human Tagged ORF Clone

Product data:

| | |
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| Product Type: | Expression Plasmids |
| Product Name: | IST1 (NM_001270975) Human Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | IST1 |
| Synonyms: | CHMP8; OLC1 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| ORF Nucleotide Sequence: | >RG233891 representing NM_001270975 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGGGCTCTGGATTTAAAGCTGAGCGCTTAAGAGTGAATTTGAGATTAGTCATAAATCGCCTTAAAC
TATTGGAGAAAAAGAAAACGGAAGTGGCCAGAAAGCAAGGAAGGAGATTGCTGACTATCTGGCTGCTGG
GAAAGATGAACGAGCTCGGATCCGTGTGGAGCACATTATCCGGGAAGACTACCTCGTGGAGGCCATGGAG
ATCCTGGAGCTGTACTGTGACCTGCTGCTGGCTCGTTTGGCCTTATCCAGTCTATGAAGGAACTAGATT
CTGGTCTGGCTGAATCTGTGTCTACATTGATCTGGGCTGCTCCTCGACTCCAGTCAGAAGTGGCTGAGTT
GAAAATAGTTGCTGATCAGCTCTGTGCCAAGTATAGCAAGGAATATGGCAAGCTATGTAGGACCAACCAG
ATTGGAAGTGTGAATGACAGGCTAATGCACAAGCTGAGTGTGGAAGCCCCACCAAAATCCTGGTGGAGA
GATACCTGATTGAAATTGCAAAGAATTACAACGTACCCTATGAACCTGACTCTGTGGTCATGGCAGAAGC
TCCTCCTGGGGTAGAGACAGATCTTATTGATGTTGGATTCACAGATGATGTGAAGAAAGGAGGCCCTGGA
AGAGGAGGGAGTGGTGGCTTACAGCACCAAGTGGTGGACCTGATGGAACGGTGCCAATGCCCATGCCCA
TGCCCATGCCTATGCCATCTGCAAATACGCCTTCTCATATCCACTGCCAAAGGGACCATCAGATTTCAA
TGGACTGCCAATGGGACTTATCAGGCCTTCCCAATATTCATCCACCTCAGATACCAGCAACTCCCCCA
TCGTATGAATCTGTAGATGACATTAATGCTGATAAGAATATCTCTTGCACAGATTGTTGGTCTGGAG
CCAAGCCAGAAGCCTCTGCAAAGCTTCCCTCCAGACCTGCAGATAACTATGACAACCTTTGTCTACCAGA
GTTGCCATCTGTGCCAGACACACTACCAACTGCATCTGCTGGTGGCAGCACCTCAGCATCTGAAGACATT
GACTTTGATGATCTTTCCGGAGGTTTGAAGAGCTGAAAAGAAAACA

ACCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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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

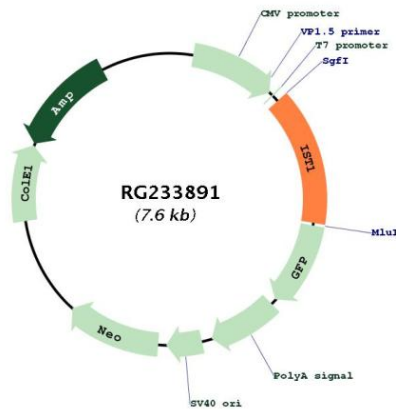
Locus ID: 9798

UniProt ID: [P53990](#)

Cytogenetics: 16q22.2

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 RG233891