

Product datasheet for **RG216613**

SPATIAL (TBATA) (NM_152710) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SPATIAL (TBATA) (NM_152710) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	SPATIAL
Synonyms:	C10orf27; SPATIAL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG216613 representing NM_152710 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**

ATGGCTACAGATGTTCAATTGGCTGGTTATCCACTGATGAGTCCAAGGCTGAGCTGAACTGGAGAAGAAGTCAGGGCGCAAGCCAAGGAGCCCCAGGGACAGTGGGCCACAGAAAGAACTGGTGATCCAGGGATTGTGGATTTTCGAGCGGATCCGCCGGCATTGAGGACCCAAAGCCCCAAACCCTGGCACCTACTGCTTTGGA CGCCTCAGTCACCACTCCTTCTTCTCCCGGCACCCACACCCCGCAGCAGTACCCACATCCAAGATC TCACCGGAAGCCTGTCTGTGTCTCAGGGATTTCCAGCCCCCTTGCTGAGTCAACTGTCTTTCCGG CTGTCAAATGGGGATACCCACCATCTGTGCCATTGGAGACCCACAGTCTAATCGGAACCCAGCTT TCTTCTGAAGCCTGGAAGAAGGAGTTGAAGGAGCTAGCTTCCCGGTGGCCTTCCACCAAGGAGGATG AACTGAAGAAGAAAGAGAAGGAGCAGAAGGAGGAGCCTCTGCGGGAGCAGGGGGCAAAGTACTCAGCAGA GACTGGGAGGCTCATCCCCGCTTCCACCCGGGCTGTGCGGCCGCGCAGATCTCACCAGGGCCAGCAGAGT CAGTCTTCCAGCAGACATGAAGGAGTCCAGGCCTTCTCCTTCAGGATCAGGAGCTGTGGTCTGGAGC TCCTGTGCAGATCCTGGAACAGACTTGCTAAGCGCAATCCAGTTCTGGCTGCTCTACGCTCCGCCAA GGAAAAAGACCTCGCTCTGGGACTCCTGCAGACAGCAGTGGCTCAGCTCCTTCCCGAGCCCTAGTCTCC ATCCCTACAGAAAAGCTCCTAAGCCAGCTTCCAGAAGTGCATGAACCTCCTCAAGAGAAGCAAGAGCCAC CCTGCAGTCAATCCCGAAGAAAACGAAGATACCTTTTACAAAAAGCGAAAAACAGAGTACATTGG AGAAGCTCAAGTCTCCAGATGCATTCAAGCCAGAACACAGAGAAGAAGACATCGAAGCCGAGGGCAGAG AGC

ACGCGTACGCGGCCGCTCGAG - 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_152710.1](#), [NP_689923.1](#)

RefSeq Size: 1583 bp

RefSeq ORF: 1056 bp

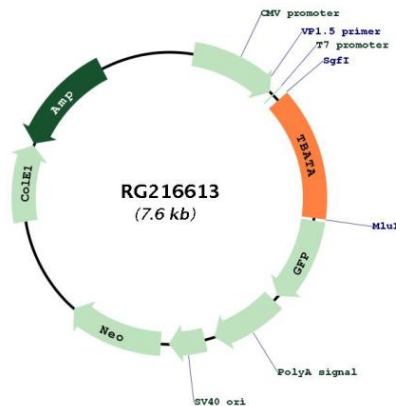
Locus ID: 219793

UniProt ID: [Q96M53](#)

Cytogenetics: 10q22.1

Gene Summary: This gene encodes a protein that regulates thymic epithelial cell proliferation and thymus size. It has been identified as a ligand for the class I human leukocyte antigen (HLA-I) in thymus. Studies of the orthologous mouse protein suggest that it may also play a role in spermatid differentiation, as well as in neuronal morphogenesis and synaptic plasticity. Polymorphisms in this gene are associated with susceptibility for multiple sclerosis (MS). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015]

Product images:



Circular map for RG216613