

Product datasheet for **RG219458**

CD272 (BTLA) (NM_181780) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CD272 (BTLA) (NM_181780) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CD272
Synonyms:	BTLA1; CD272
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG219458 representing NM_181780 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGAAGACATTGCCTGCCATGCTTGGAAGTGGAAATTATTTGGGTCTTCTTAAATCCCATATCTGG
ACATCTGGAACATCCATGGGAAAGAATCATGTGATGTACAGCTTTATATAAAGAGACAATCTGAACACTC
CATCTTAGCAGGAGATCCCTTTGAACTAGAATGCCCTGTGAAATACTGTGCTAACAGGCCTCATGTGACT
TGGTGCAAGCTCAATGGAACAACATGTGTAAAACCTGAAGATAGACAAACAAGTTGGAAGGAAGAGAAGA
ACATTTTCATTTTTCATTCTACATTTTGAACCAGTGCTTCCTAATGACAATGGGTCATACCGCTGTTCTGC
AAATTTTCAGTCTAATCTCATTGAAAGCCACTCAACAACCTTTTATGTGACAGATGTAAAAAGTGCCTCA
GAACGACCTCCAAGGACGAAATGGCAAGCAGACCCTGGCTCCTGTATAGTTTACTTCTTTGGGGGAT
TGCTCTACTCATCACTACCTGTTTCTGCCTGTTCTGCTGCCTGAGAAGGCACCAAGGAAAGCAAAATGA
ACTCTCTGACACAGCAGGAAGGGAAATTAACCTGGTTGATGCTCACCTTAAGAGTGAGCAAAACAGAAGCA
AGCACCAGGCAAAATCCCAAGTACTGCTATCAGAAACTGGAATTTATGATAATGACCCTGACCTTTGTT
TCAGGATGCAGGAAGGTCTGAAGTTTATTCTAATCCATGCCTGGAAGAAAACAAACCAGGCATTGTTTA
TGCTTCCCTGAACCATTCTGTATTGGACTGAAGTCAAGACTGGCAAGAAATGTAAAAGAAGCACCAACA
GAATATGCATCCATATGTGTGAGGAGT

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_181780.2](#), [NP_861445.2](#)

RefSeq Size: 1239 bp

RefSeq ORF: 870 bp

Locus ID: 151888

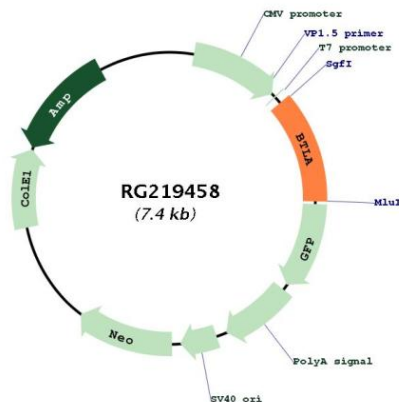
UniProt ID: [Q7Z6A9](#)

Cytogenetics: 3q13.2

Protein Families: Transmembrane

Gene Summary: This gene encodes a member of the immunoglobulin superfamily. The encoded protein contains a single immunoglobulin (Ig) domain and is a receptor that relays inhibitory signals to suppress the immune response. Alternative splicing results in multiple transcript variants. Polymorphisms in this gene have been associated with an increased risk of rheumatoid arthritis. [provided by RefSeq, Aug 2011]

Product images:



Circular map for RG219458