

Product datasheet for **RG236378**

ICOS Ligand (ICOSLG) (NM_001283051) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: ICOS Ligand (ICOSLG) (NM_001283051) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: ICOS Ligand
Synonyms: B7-H2; B7h; B7H2; B7RP-1; B7RP1; CD275; GL50; ICOS-L; ICOSL; LICOS
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG236378 representing NM_001283051.
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGCGGCTGGGCAGTCTGGACTGCTCTTCTGCTCTTCAGCAGCCTTCGAGCTGCAAATTCAGCGTG
CCCCTCGTCAGCGCCCCACAGCCCCTCCAGGATGAGCTCACCTTCACGTGTACATCCATAAACGGC
TACCCAGGCCAACGTGTACTGGATCAATAAGACGGACAACAGCCTGCTGGACCAGGCTCTGCAGAA
GACACCGTCTTCTGAACATGCGGGCTTGTATGACGTGGTCAGCGTCTGAGGATCGCACGCCACCCC
AGCGTGAACATTGGCTGCTGCATAGAGAACGTGCTTCTGCAGCAGAACCTGACTGTGGCAGCCAGACA
GGAAATGACATCGGAGAGAGACAAGATCACAGAGAATCCAGTCAGTACCGGCGAGAAAACCGCGCC
ACGTGGAGCATCCTGGCTGCTCCTGTGCCTGCTTGTGGTCGTGGCGGTGGCCATAGGCTGGGTGTGCA
GACCGATGCCTCAACACAGCTATGCAGGTGCCTGGGCTGTGAGTCCGGAGACAGAGCTCACTGGCCAC
GTT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG236378
Blue=ORF Red=Cloning site Green=Tag(s)

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MRLGSPGLLFLFSSLRAANFVSPVVSAPHSPSQDELFTTCTSSINGYPRPNVYWNKTDNSLLDQALQN
DTVFLNMRGLYDVVSVLRIARTPSVNIQCCIEVLLQQNLTVGSQTGNDIGERDKITENPVSTGEKNA
TWSILAVLCLLVVAVAIGWVCRDRCLQHSYAGAWAVSPETELTGHV
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHP SILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERY
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Restriction Sites: SgfI-MluI

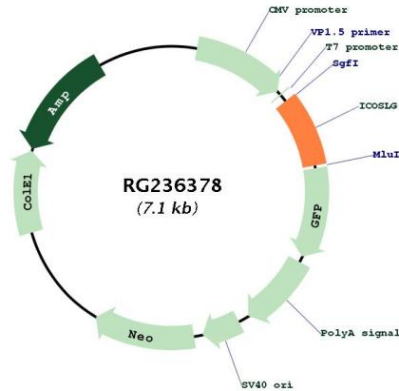


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Gene Summary:

Ligand for the T-cell-specific cell surface receptor ICOS. Acts as a costimulatory signal for T-cell proliferation and cytokine secretion; induces also B-cell proliferation and differentiation into plasma cells. Could play an important role in mediating local tissue responses to inflammatory conditions, as well as in modulating the secondary immune response by co-stimulating memory T-cell function (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG236378