

Product datasheet for MR226941

Tnfsf14 (NM_019418) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tnfsf14 (NM_019418) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tnfsf14
Synonyms:	HVEM-L; HVEML; LIGHT; LTg; Ly113; Tnlg1d
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR226941 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCCGATCGCC

ATGGAGAGTGTGGTACAGCCTTCAGTGTTTGTGGTGGATGGACAGACGGACATCCCATTAGGCGGCTGG
AACAGAACCACCGGAGACGGCGCTGTGGCACTGTCCAGGTCAGCCTGGCCCTGGTGTGCTAGGTGC
TGGGCTGGCCACTCAGGGCTGGTTTCTCCTGAGACTGCATCAACGCTTTGGAGACATAGTAGCTCATCTG
CCAGATGGAGGCAAAGGCTCCTGGGAGAAGCTGATACAAGATCAACGATCTCACCAGGCCAACCCAGCAG
CACATCTTACAGGAGCCAACGCCAGCTTGATAGGTATTGGTGGACCTCTGTTATGGGAGACAGACTTGG
CCTGGCCTTCTTGAGGGCTTGACGTATCATGATGGGGCCCTGGTGACCATGGAGCCCGTTACTACTAT
GTGTACTCCAAAGTGACGCTGAGCGGCTGGGGCTGCCCCAGGGGCTGGCCAATGGCCTCCCCATCACCC
ATGGACTATAAAGCGCACATCCCGCTACCCGAAGGAGTTAGAAGTCTGGTTCAGTCGGCGGTACCCCTG
TGGCCGGGCCAACAGCTCCCGAGTCTGGTGGGACAGCAGCTTCTGGCGGCGTGGTACATCTGGAGGCT
GGGAAGAGGTGGTCCGCGTGCCTGGAAACCGCTGGTCAGACCACGTGACGGCACCAGGTCCTATT
TCGGAGCTTTCATGGTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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_019418.3](#), [NP_062291.1](#)

RefSeq Size: 1869 bp

RefSeq ORF: 720 bp

Locus ID: 50930

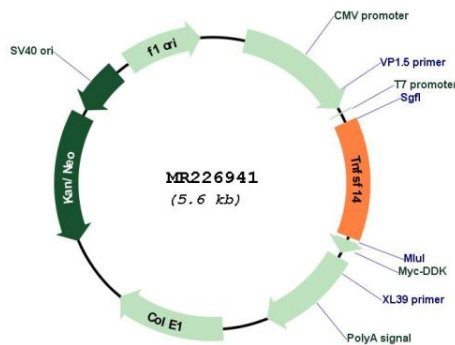
UniProt ID: [Q9QYH9](#)

Cytogenetics: 17 D

MW: 26.3 kDa

Gene Summary: Cytokine that binds to TNFRSF3/LTBR. Binding to the decoy receptor TNFRSF6B modulates its effects. Activates NFKB and stimulates the proliferation of T-cells. Acts as a ligand for TNFRSF14/HVEM. Upon binding to TNFRSF14/HVEM, delivers costimulatory signals to T cells, leading to T cell proliferation and IFNG production (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR226941