

Product datasheet for SC117733

TNFRSF14 (NM_003820) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: TNFRSF14 (NM_003820) Human Untagged Clone
Tag: Tag Free
Symbol: TNFRSF14
Synonyms: ATAR; CD270; HVEA; HVEM; LIGHTR; TR2
Mammalian Cell Selection: None
Vector: pCMV6-XL4
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_003820 edited
GGCCCACAGCCGACGCAATGGCGCTGAGTTCCTCTGCTGGAGTTCATCCTGCTAGCTGGG
TTCCCGAGCTGCCGGTCTGAGCCTGAGGCATGGAGCCTCCTGGAGACTGGGGCCTCCTC
CCTGGAGATCCACCCCAAAACCGACGTCTTGAGGCTGGTGTATCTACCTTCTG
GAGCCCCCTGCTACGCCCCAGCTCTGCCGTCTGCAAGGAGGACGAGTACCCAGTGGGCT
CCGAGTGTGCCCAAGTGCAGTCCAGTTATCGTGTGAAGGAGGCTGCGGGGAGCTGA
CGGGCACAGTGTGAACCCTGCCCTCCAGGCACCTACATTGCCACCTCAATGGCCTAA
GCAAGTGTCTGCAGTGCCAAATGTGTGACCCAGCCATGGGCTGCGCGGAGCCGGAAC
GCTCCAGGACAGAGAACGCCGTGTGTGGCTGCAGCCAGGCCACTTCTGCATCGTCCAGG
ACGGGGACCACTGCGCCGCTGCCGCGTTACGCCACCTCCAGCCGGGGCAGAGGGTGC
AGAAGGGAGGCACCGAGAGTCAGGACACCCTGTGTCAGAACTGCCCCCGGGGACCTTCT
CTCCCAATGGGACCCTGGAGGAATGTCAGCACCAGACCAAGTGCAGCTGGCTGGTACGA
AGGCCGGAGCTGGGACCAGCAGCTCCCACTGGGTATGGTGGTTTTCTCAGGGAGCTCG
TCATCGTCATTGTTTGTCCACAGTTGGCCTAATCATATGTGTGAAAAGAAGAAAGCCAA
GGGGTGTAGTCAAGGTGATCGTCTCCGTCCAGCGAAAAGACAGGAGGCAGAAGGTG
AGGCCACAGTCATTGAGGCCCTGCAGGCCCTCCGGACGCCACCACGGTGGCCGTGGAGG
AGACAATACCCTATTACGGGGAGGAGCCAAACCACTGACCCACAGACTCTGCACCC
GACGCCAGAGATACCTGGAGCGACGGCTGCTGAAAGAGGCTGTCCACCTGGCGGAACCA
CGGAGCCCGGAGGCTTGGGGCTCCGCCCTGGCTGGCTCCGCTCCTCCAGTGGAGGG
AGAGGTGGGGCCCTGCTGGGGTAGAGCTGGGGACGCCACGTGCCATTCCCATGGGCCAG
TGAGGGCCTGGGGCTCTGTTCTGCTGTGGCCTGAGCTCCCCAGAGTCTGAGGAGGAGC
GCCAGTTGCCCTCGCTCACAGACCACACCCAGCCCTCCTGGGCCAGCCAGAGGGCC
CTTCAGACCCAGCTGTCTGCGGTCTGACTCTTGTGGCCTCAGCAGGACAGGCCCGGG
CACTGCCTCACAGCCAAGGCTGGACTGGGTTGGCTGCAGTGTGGTGTAGTGGATACCA
CATCGGAAGTATTTTCTAAATTGGATTGAATTCGGCTCCTGTTTTCTATTTGTCATGA
AACAGTGTATTTGGGAGATGCTGTGGGAGGATGAAATATCTTGTCTCCTCAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAA



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Restriction Sites:	NotI-NotI
ACCN:	NM_003820
Insert Size:	1500 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	There is a T to C change at position 1090. This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">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_003820.2 , NP_003811.2
RefSeq Size:	1730 bp
RefSeq ORF:	852 bp
Locus ID:	8764
UniProt ID:	Q92956
Cytogenetics:	1p36.32
Domains:	TNFR
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Cytokine-cytokine receptor interaction
Gene Summary:	<p>This gene encodes a member of the TNF (tumor necrosis factor) receptor superfamily. The encoded protein functions in signal transduction pathways that activate inflammatory and inhibitory T-cell immune response. It binds herpes simplex virus (HSV) viral envelope glycoprotein D (gD), mediating its entry into cells. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>