

Product datasheet for **SC305926**

RAET1L (NM_130900) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RAET1L (NM_130900) Human Untagged Clone
Tag:	Tag Free
Symbol:	RAET1L
Synonyms:	ULBP6
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_130900 edited ATGGCAGCAGCCGCCATCCCAGCTTTGCTTCTGTGCCTCCCGCTTCTGTTCCTGCTGTTCC GGCTGGTCCCGGGCTAGGCGAGACGACCCTCACTCTCTTTGCTATGACATCACCGTCATC CCTAAGTTCAGACCTGGACCACGGTGGTGTGCGGTTCAAGGCCAGGTGGATGAAAAGACT TTTCTTCACTATGACTGTGGCAACAAGACAGTCACACCCGTCAGTCCCCTGGGGAAGAAA CTAAATGTCACAATGGCCTGGAAAGCACAGAACCAGTACTGAGAGAGGTGGTGGACATA CTTACAGAGCAACTGCTTGACATTCAGCTGGAGAATTACACACCCAAGGAACCCCTCACC CTGCAGGCAAGGATGTCTTGTGAGCAGAAAAGCTGAAGGACACAGCAGTGGATCTTGGCAG TTCAGTATCGATGGACAGACCTTCTACTCTTTGACTCAGAGAAGAGAATGTGGACAACG GTTTCATCCTGGAGCCAGAAAGATGAAAGAAAAGTGGGAGAATGACAAGGATGTGGCCATG TCCTTCCATTACATCTCAATGGGAGACTGCATAGGATGGCTTGGAGACTTCTTGATGGGC ATGGACAGCACCCCTGGAGCCAAGTGCAGGAGCACCCTCGCCATGTCCTCAGGCACAACC CAACTCAGGGCCACAGCCACCACCTCATCCTTTGCTGCCTCCTCATCCTCCCTCG TTCATCCTCCCTGGCATCTGA
Restriction Sites:	Please inquire
ACCN:	NM_130900
Insert Size:	700 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).



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OTI Annotation:	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_130900.1 , NP_570970.1
RefSeq Size:	741 bp
RefSeq ORF:	741 bp
Locus ID:	154064
UniProt ID:	Q5VY80
Cytogenetics:	6q25.1
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Natural killer cell mediated cytotoxicity
Gene Summary:	RAET1L belongs to the RAET1 family of major histocompatibility complex (MHC) class I-related genes, which are located within a 180-kb cluster on chromosome 6q24.2-q25.3. The REAT1 genes encode glycoproteins that contain extracellular alpha-1 and alpha-2 domains, but they lack the membrane proximal Ig-like alpha-3 domain. Most RAET1 glycoproteins are anchored to the membrane via glycosylphosphatidylinositol (GPI) linkage (Radosavljevic et al., 2002 [PubMed 11827464]).[supplied by OMIM, Mar 2008]