

Product datasheet for **SC329543**

IL33 (NM_001199640) Human Untagged Clone

Product data:

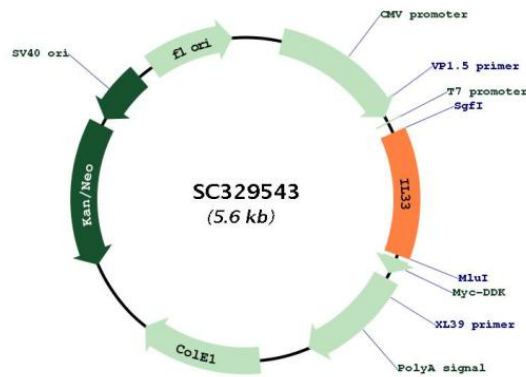
Product Type:	Expression Plasmids
Product Name:	IL33 (NM_001199640) Human Untagged Clone
Tag:	Tag Free
Symbol:	IL33
Synonyms:	C9orf26; DVS27; IL1F11; NF-HEV; NFEHEV
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC329543 representing NM_001199640. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGAAGCCTAAAATGAAGTATTCAACCAACAAAATTTCCACAGCAAAGTGAAGAACACAGCAAGCAAA
GCCTTGTTTCAAGCTGGGAAAATCCCAACAGAAGGCCAAAGAAGTTTGCCCCATGTACTTTATGAAG
CTCCGCTCTGGCCTTATGATAAAAAAGGAGGCCTGTTACTTTAGGAGAGAAAACCACAAAAGGCCTTCA
CTGAAAACAGGTAGAAAGCACAAAAGACATCTGGTACTCGCTGCCTGTCAACAGCAGTCTACTGTGGAG
TGCTTTGCCTTTGGTATATCAGGGGTCCAGAAAATACTAGAGCACTTCATGATTCAAGTATCACAGAT
AAGGTGTTACTGAGTTACTATGAGTCTCAACACCCTCAAATGAATCAGGTGACGGTGTGATGGTAAG
ATGTTAATGGTAACCCTGAGTCCTACAAAAGACTTCTGGTTGCATGCCAACAACAAGGAACACTCTGTG
GAGCTCCATAAGTGTGAAAACCACTGCCAGACCAGGCCTTCTTTGCCTTCATAATATGCACTCCAAC
TGTGTTTCATTTGAATGCAAGACTGATCCTGGAGTGTGTTATAGGTGTAAGGATAATCATCTTGCTCTG
ATTAAGTAGACTCTTCTGAGAAATTTGTGACTGAAAATATCTTGTTTAAGCTCTCTGAAACTTAG
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:


ACCN: NM_001199640

Insert Size: 687 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).

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_001199640.1
RefSeq Size:	2592 bp
RefSeq ORF:	687 bp
Locus ID:	90865
UniProt ID:	O95760
Cytogenetics:	9p24.1
Protein Families:	Secreted Protein
Protein Pathways:	Cytosolic DNA-sensing pathway
MW:	25.9 kDa
Gene Summary:	<p>The protein encoded by this gene is a cytokine that binds to the IL1RL1/ST2 receptor. The encoded protein is involved in the maturation of Th2 cells and the activation of mast cells, basophils, eosinophils and natural killer cells. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2015]</p> <p>Transcript Variant: This variant (2) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (b, also known as 2) has the same N- and C-termini but is shorter compared to isoform a.</p>