

Product datasheet for **SC328598**

LILRA3 (NM_001172654) Human Untagged Clone

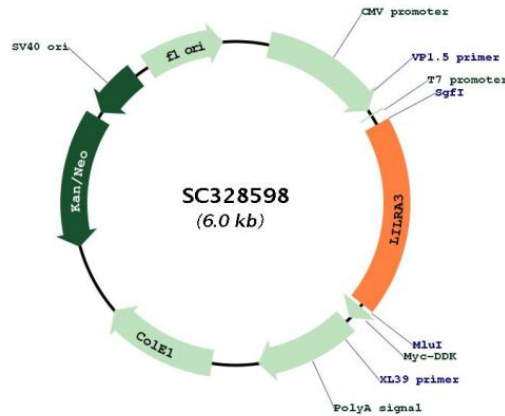
Product data:

Product Type:	Expression Plasmids
Product Name:	LILRA3 (NM_001172654) Human Untagged Clone
Tag:	Tag Free
Symbol:	LILRA3
Synonyms:	CD85E; HM31; HM43; ILT-6; ILT6; LIR-4; LIR4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC328598 representing NM_001172654. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC CGCATCGCC
ATGACCCCATCCTCACGGTCTGATCTGTCTCGGGCTGAGCCTGGACCCAGGACCCACGTGCAGGCA
GGGCCCTCCCAAGCCACCCTCTGGGCTGAGCCAGGCTCTGTGATCACCAAGGGAGTCTGTGACC
CTCAGGTGT CAGGGGAGCCTGGAGACGCAGGAGTACCATCTATAGAGAAAAGAAAACAGCACTCTGG
ATTACACGGATCCACAGGAGCTTGTGAAGAAGGGCCAGTTCCCATCCTATCCATCACCTGGGAACAT
GCAGGGCGGTATTGCTGTATCTATGGCAGCCACTGCAGGCCTCTCAGAGAGCAGTGACCCCTGGAG
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TACACATGCTCCGGTGCATAACAATCTCCTCCGAGTGGTCCGCCCCAGCGACCCCTGGACATCCTG
ATCACAGGACAGATCCGTGCCAGACCCTCCTCTCCGTGCGGCCGGGCCCCACAGTGGCCTCAGGAGAG
AACGTGACCCTGCTGTGTGTCAGTACAGGGAGGGATGCACACTTTCCTTTTGACCAAGGAGGGGGCAGCT
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CACCCAGTGACCCCTGGAGCTCGTGGTCTCAGGAGCAGCTGAGACCCTCAGCCACCACAAAACAAG
TCCGACTCCAAGGCTGGTGAGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



Plasmid Map:


ACCN: NM_001172654

Insert Size: 1128 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: 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:

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_001172654.2](#)

RefSeq Size: 1372 bp

RefSeq ORF: 1128 bp

Locus ID: 11026

UniProt ID: [Q8N6C8](#)

Cytogenetics: 19q13.4

Protein Families: Secreted Protein

MW: 40.4 kDa

Gene Summary: This gene encodes a member of a family of immunoreceptors that are expressed predominantly in monocytes and B cells, and at lower levels in dendritic cells and natural killer cells. The encoded protein lacks the transmembrane region found in other members of this family. It acts as a soluble receptor for class I major histocompatibility complex (MHC) antigens. Alternatively spliced transcript variants encoding different isoforms have been found. This gene is located in a cluster of related genes on chromosome 19 and is polymorphic in human populations, with many individuals containing a deletion of this genomic region. [provided by RefSeq, Mar 2014]
Transcript Variant: This variant (2) uses an alternate in-frame splice site in the central coding region, compared to variant 1. The resulting isoform (2) lacks an internal segment, compared to isoform 1.