

Product datasheet for SC111801

CLECSF6 (CLEC4A) (NM_016184) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CLECSF6 (CLEC4A) (NM_016184) Human Untagged Clone
Tag:	Tag Free
Symbol:	CLECSF6
Synonyms:	CD367; CLECSF6; DCIR; DDB27; HDCGC13P; hDCIR; LLIR
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_016184 edited
 TGATTCTCACTATACTGGTCCTGAGGAAAGGGCTTCTGTGAACTGCGGTTTTAGTTTT
 ATTGTGGTTCTTAGTTCTCATGAGACCCCTTTGAGGATATGTGCCTATCTGGTGCCTCT
 GCTCTCCACTAGTTGAGTGAAAGGAGGTAATTTACCACCATGTTTGGTTCCCTGTTT
 ATAAGATGTTTTAAGAAAAGATTTGAAACAGATTTTCTGAAGAAAGCAGAAGCTCTCTTCC
 CATTATGACTTCGGAAATCACTTATGCTGAAGTGAGGTTCAAAAATGAATTCAAGTCCTC
 AGGCATCAACACAGCCTCTTCTGCAGCTTCCAAGGAGAGGACTGCCCTCTCAAAAGTAA
 TACCGGATTCCCAAGCTGCTTTGTGCCTCACTGTTGATATTTTTCTGCTATTGGCAAT
 CTCATTCTTTATTGCTTTGTCTTTTCTTTCAAAAATATTCTCAGCTTCTTGAAAAA
 GACTACAAAAGAGCTGGTTCATACAACATTGGAGTGTGTGAAAAAATATGCCCGTGA
 AGAGACAGCCTGGAGCTTTGCCAAAGAATTGGAAGTCAATTTAGTTCCAAGTCTACTT
 TATTTCTACTGAATCAGCATCTTGGCAAGACAGTGAGAAGGACTGTGCTAGAATGGAGGC
 TCACCTGCTGGTGATAAACTCAAGAAGAGCAGGATTTTCATCTCCAGAATCTGCAAGA
 AGAATCTGCTATTTTGTGGGCTCTCAGATCCAGAAGGTGAGCGACATTGGCAATGGGT
 TGATCAGACACCATACAATGAAAGTCCACATTCTGGCATCCACGTGAGCCCAGTGATCC
 CAATGAGCGTGCCTTGTGCTAAATTTTCGTAATCACCACAAAGATGGGGCTGGAATGA
 TGTTAATTGCTTGGTCTCAAAGGTGAGTTTGTGAGATGATGAAGATCCACTTATGAAC
 TGAACATTCTCCATGAACAGGTGGTTGGATTGGTATCTGTCATTGTAGGGATAGATAATA
 AGCTCTTCTTATTCATGTGTAAGGGAGGTCCATAGAATTTAGGTGGTCTGTCAACTATTC
 TACTTATGAGAGAATTGGTCTGTACATTGACTGATTCACTTTTTTCATAAAGTGAGCATTT
 ATTGAGCATTTTTTTCATGTGCCAGAGCCTGTAAGGAGGCCCATTTGTGCACACATGGA
 GAGAACATGAGTCTCTTAATTTTATCTGGTTGCTAAAGAATTATTTACCAATAAAAT
 TATATGATGGTGTCTCCTCTGTCTGGTTTTCTCTTCATCCCTACTATACTGATATAT
 AATTGTATATATACTGACATATATATATTATTTTTATATATATATAATATAT
 ATATATACTGACAAAATAAATTGTATATATT



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_016184 unedited AGTATTTTGTAAATACGACTCACTATAGGGCGGCCGCGACTTCGGCACGAGGTGATTCTCA CTATACTGGTCTCTGAGGAAAGGCTTCTGTGAACTGCGGTTTTATTTTTATTGTGGTTC TTATTTCTCATGATACCCTCTTGAGGATATGTGCCTATCTGGTGCCTCTGCTCTCCACT ATTTGAGTGAAAGGAAGGAGGTAATTTACCACCATGTTTGGTTCTGTTTATAAGATGTT TTAAGAAAAGATTTGAAACAGATTTTCTGAAGAAAGCAGAAGCTCTTCCCATTATGACT TCGGAAATCACTTATGCTGAAGTGAGGTTCAAAAATGAATTCAGTCCCTCAGGCATCAAC ACAGCTCTTCTGCAGCTTCCAAGGAGAGGACTGCCCTCTCAAAGTAATACCGGATTC CCCAAGCTGCTTTGTGCCTCACTGTTGATATTTTTCTGCTATTGGCAATCTCATTCTTT ATTGCTTTTGTCATTTTCTTTCAAAAATATTCTCAGCTTCTTGAAAAAAGACTACAAAA GAGCTGGTTCATAACAACATGTGGAGTGTGTGAAAAAAAATATGCCCGTGGAGATACAGC CTGGAGCTGTTGCCCAAAGATNTGGAAGTCATTTAGTTCCAAGTCTACTTTATTCTAC TGAATCAGCATCTGGCAAGACAGTGAGAAGGACTGTGCTAGAATGGATGCTCACCTGCT GGTGATAAACACTCAAGATGAGCANGATTTTCATCTCCAGAAATCTGCAGAAGAATCTGC CTATTTNTGTGGGCTCTCAATATCCAGATGTCAGCGACATGGCNATGGGGGTTGATCAG ACACCTACCAATGAAAGTCCACATTCTGGCATNCCGTGAGCCAGTGATCCCATGGCGCC CTGCGTGTGCTAAATTTTCGTAATACCCANAGNATGGCTGNGATGATGATTNGNCTGTC CTNAAAAGGCATTGNGAATAAATGAAATCACTATN
Restriction Sites:	NotI-NotI
ACCN:	NM_016184
Insert Size:	1450 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_016184.2 , NP_057268.1
RefSeq Size:	1291 bp
RefSeq ORF:	714 bp
Locus ID:	50856
UniProt ID:	Q9UMR7
Cytogenetics:	12p13.31
Domains:	CLECT

Protein Families: Druggable Genome, Transmembrane

Gene Summary: This gene encodes a member of the C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily. Members of this family share a common protein fold and have diverse functions, such as cell adhesion, cell-cell signalling, glycoprotein turnover, and roles in inflammation and immune response. The encoded type 2 transmembrane protein may play a role in inflammatory and immune response. Multiple transcript variants encoding distinct isoforms have been identified for this gene. This gene is closely linked to other CTL/CTLD superfamily members on chromosome 12p13 in the natural killer gene complex region. [provided by RefSeq, Jul 2008]
Transcript Variant: This variant (1) represents the longest transcript, and encodes the longest isoform (1).