

## Product datasheet for SC308240

### CLEC12B (NM\_205852) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CLEC12B (NM_205852) Human Untagged Clone
Tag:	Tag Free
Symbol:	CLEC12B
Synonyms:	UNQ5782
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC308240 representing NM_205852. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCTGAAGAAGTGACCTACGCGACACTCACATTTTCAGGATTCTGCTGGAGCAAGGAATAACCGAGAT
GGAAATAACCTAAGAAAAAGAGGGCATCCAGCTCCATCTCCCATTGGCGTCATGCTGCTCTGGGTCTG
GTAACCTTTGCCTGATGTTGCTGATTGGGCTGGTGACATTGGGGATGATGTTTTGCAGATATCTAAT
GACATTAACCTCAGATTCAGAGAAATTGAGTCAACTTCAGAAAACCATCCAACAGCAGCAGGATAACTTA
TCCCAGCAACTGGGCAACTCCAACAACCTGTCCATGGAGGAGGAATTTCTCAAGTCACAGATCTCCAGT
GTACTGAAGAGGCAGGAACAAATGGCCATCAAACCTGTGCCAAGAGCTAATCATTCACTTCAGACCAC
AGATGTAATCCATGTCTAAGATGTGGCAATGGTACCAAATAGTTGCTACTATTTTACAACAAATGAG
GAGAAAACCTGGGCTAACAGTAGAAAGGACTGCATAGACAAGAACTCCACCCTAGTGAAGATAGACAGT
TTGGAAGAAAAGGATTTTCTTATGTACAGCCATTACTCATGTTTTCGTTCTTTTGGCTGGGATTATCA
TGGGACTCCTCTGGCAGAAGTTGGTTCTGGGAAGATGGCTCTGTTCCCTCTCCATCCTTGTACGCTCTC
AACTATTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-Mlul
Plasmid Map:	<input type="checkbox"/>
ACCN:	NM_205852
Insert Size:	699 bp



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<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	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.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_205852.3</a>
<b>RefSeq Size:</b>	3049 bp
<b>RefSeq ORF:</b>	699 bp
<b>Locus ID:</b>	387837
<b>UniProt ID:</b>	<a href="#">Q2HXU8</a>
<b>Cytogenetics:</b>	12p13.2
<b>Protein Families:</b>	Transmembrane
<b>MW:</b>	26.7 kDa
<b>Gene Summary:</b>	<p>Cell surface receptor that protects target cells against natural killer cell-mediated lysis. Modulates signaling cascades and mediates tyrosine phosphorylation of target MAP kinases. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 3' coding region and 3' UTR compared to variant 1. The resulting protein (isoform 2) has a shorter, distinct C-terminus compared to isoform 1.</p>