

Product datasheet for **SC337913**

CD11c (ITGAX) (NM_001286375) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CD11c (ITGAX) (NM_001286375) Human Untagged Clone
Tag:	Tag Free
Symbol:	ITGAX
Synonyms:	CD11C; SLEB6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001286375, the custom clone sequence may differ by one or more nucleotides

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ATGACCAGGACCAGGGCAGCACTCCTCCTGTTACAGCCTTAGCAACTTCTCTAGGTTTCAACTGGACA
CAGAGGAGCTGACAGCCTCCCGTGTGGACAGCGTGGGTTTGGAGACAGCGTGGTCCAGTATGCCAACTC
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AGACGTGGTCATCGGGGCCCCAGGAGAGGAGGAGAACCGGGGTGCTGTCTACCTGTTTCACGGAGTCTTG
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GAGATCCCCAGGTCTGCGTTT GAGTGTGCGGAGCAGGTGGTCTCTGAGCAGACCTGGTACAGTCCAACA
TCTGCCTTTACATTGACAAACGTTCTAAGAACCTGCTGGGAGCCGTGACCTCCAAGCTCTGTGACCTT
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CAAATGGACAAATTGCCCGAGAAAACGGGACACAGACCCCGCCACTCCCATTACCCTCAGGA
CAATGTC TGA
    
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- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_001286375
- 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:**
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_001286375.1](#), [NP_001273304.1](#)
- RefSeq Size:** 4149 bp

RefSeq ORF:	3510 bp
Locus ID:	3687
UniProt ID:	P20702
Cytogenetics:	16p11.2
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Regulation of actin cytoskeleton
Gene Summary:	<p>This gene encodes the integrin alpha X chain protein. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This protein combines with the beta 2 chain (ITGB2) to form a leukocyte-specific integrin referred to as inactivated-C3b (iC3b) receptor 4 (CR4). The alpha X beta 2 complex seems to overlap the properties of the alpha M beta 2 integrin in the adherence of neutrophils and monocytes to stimulated endothelium cells, and in the phagocytosis of complement coated particles. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2013]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1).</p>