

Product datasheet for **SC210387**

Bonzo (CXCR6) (NM_006564) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Bonzo (CXCR6) (NM_006564) Human 3' UTR Clone
Symbol:	Bonzo
Synonyms:	BONZO; CD186; CDw186; STRL33; TYMSTR
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_006564
Insert Size:	871 bp
Insert Sequence:	>SC210387 3'UTR clone of NM_006564 The sequence shown below is from the reference sequence of NM_006564. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTGGAGGCCACCAGCATGTTCCAGTTATAGGCCTTGCCAGGGTTTCGAGAAGCTGCTCTGGAATTTGCA
AGTCATGGCTGTGCCCTTTGATGTGGTGAGGCAGGCTTTGTTTATAGCTTGCGCATTTCATGGAGAA
GTTATCAGACACTCTGGCTGGTTTGAATGCTTCTCAGGCATGAACATGACTGTTCTCTTCTTGA
ACACTCATGCTGAAAGCCCAAGTAGGGGTCTAAAATTTTAAAGGACTTTCCTTCTCCATCTCCAAGA
ATGCTGAAACCAAGGGGATGACATGTGACTCCTATGATCTCAGGTTCTCCTTGATTGGGACTGGGGCT
GAAGGTTGAAGAGGTGAGCACGGCCAACAAGCTGTTGATGGTAGGTGGCACACTGGGTGCCAAGCTC
AGAAGGCTCTTCTGACTACTGGGCAAAGAGTGTAGATCAGAGCAGCAGTAAAACAAGTGTGGCACCA
CCAGGCACCTCACAGAAATGAGATCAGGCTCTGCCTCACCTTGGGGCTTGACTTTTGTATAGGTAGATG
TTCAGATTGCTTTGATTAATCCAGAATAACTAGCACCAGGACTATGAATGGGCAAACTGAATTATAA
GAGGCTGATAATCCAGTGGTCCATGGAATGCTTGAAAAATGTGCAAAACAGCGTTTAAAGACTGTAATG
AATCTAAGCAGCATTTCTGAAGTGGACTCTTTGGTGGCTTTGCATTTTAAAAATGAAATTTTCCAATGT
CTGCCACACAAACGTATGTAATGTATATACCCACACACATACACATATGTCATATATTACTAGCAT
ATGAGTTTTCATAGCTAAGAAATAAAACTGTTAAAGTCTCCTCAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-MluI



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_006564.2</u>
Summary:	The protein encoded by this gene is a G protein-coupled receptor with seven transmembrane domains that belongs to the CXC chemokine receptor family. This family also includes CXCR1, CXCR2, CXCR3, CXCR4, CXCR5, and CXCR7. This gene, which maps to the chemokine receptor gene cluster, is expressed in several T lymphocyte subsets and bone marrow stromal cells. The encoded protein and its exclusive ligand, chemokine ligand 16 (CCL16), are part of a signalling pathway that regulates T lymphocyte migration to various peripheral tissues (the liver, spleen red pulp, intestine, lungs, and skin) and promotes cell-cell interaction with dendritic cells and fibroblastic reticular cells. CXCR6/CCL16 also controls the localization of resident memory T lymphocytes to different compartments of the lung and maintains airway resident memory T lymphocytes, which are an important first line of defense against respiratory pathogens. The encoded protein serves as an entry coreceptor used by HIV-1 and SIV to enter target cells, in conjunction with CD4. [provided by RefSeq, Aug 2020]
Locus ID:	10663
MW:	33