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Product datasheet for SC331413

TECK (CCL25) (NM_001201359) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TECK (CCL25) (NM_001201359) Human Untagged Clone
Tag:	Tag Free
Symbol:	TECK
Synonyms:	Ckb15; Ck beta-15; SCYA25; TECK
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC331413 representing NM_001201359. Blue=Insert sequence Red=Cloning site Green=Tag(s) ATGAACCTGTGGCTCCTGGCCTGCCTGGTGGCCGGCTTCCTGGGAGCCTGGGCCCCCGCTGTCCACACC CAAGGTGTCTTTGAGGACTGCTGCCTGGCCTACCACTACCCCATTGGGTGGGCTGTGCTCCGGCGCGCC TGGACTTACCGGATCCAGGAGGTGAGCGGGAGCTGCAATCTGCCTGCTGCGATATTCTACCTCCCCAAG AGACACAGGAAGGTGTGTGGGAACCCCAAAAGCAGGGAGGTGCAGAGAGCCATGAAGCTCCTGGATGCT CGAAATAAGGTTTTTGCAAAGCTCCACCACAACACGCAGACCTTCCAAGGCCCTCATGCTGTAAAGAAG TTGAGTTCTGGAAACTCCAAGTTATCATCGTCCAAGTTTAGCAATCCCATCAGCAGCAGTAAGAGGAAT GTCTCCCTCCTGATATCAGCTAATTCAGGACTGTGA
Restriction Sites:	SgfI-MluI
ACCN:	NM_001201359
Insert Size:	450 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).

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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_001201359.1
RefSeq Size:	999 bp
RefSeq ORF:	450 bp
Locus ID:	6370
UniProt ID:	O15444
Cytogenetics:	19p13.2
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	Chemokine signaling pathway, Cytokine-cytokine receptor interaction
MW:	16.5 kDa
Gene Summary:	This antimicrobial gene belongs to the subfamily of small cytokine CC genes. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene displays chemotactic activity for dendritic cells, thymocytes, and activated macrophages but is inactive on peripheral blood lymphocytes and neutrophils. The product of this gene binds to chemokine receptor CCR9. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2014] Transcript Variant: This variant (2) uses an alternate in-frame splice site compared to variant 1. The resulting isoform (2) is shorter compared to isoform 1.