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Product datasheet for SC303732

Eotaxin 3 (CCL26) (NM_006072) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Eotaxin 3 (CCL26) (NM_006072) Human Untagged Clone
Tag:	Tag Free
Symbol:	Eotaxin 3
Synonyms:	IMAC; MIP-4a; MIP-4alpha; SCYA26; TSC-1
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_006072 edited CAGGCAGGAGGAGTTTGGGAGAAACCTGAGAAGGGCCTGATTTGCAGCATCATGATGGGC CTCTCCTTGGCCTCTGCTGTGCTCCTGGCCTCCCTCCTGAGTCTCCACCTTGGAACTGCC ACACGTGGGAGTGACATATCCAAGACCTGCTGCTTCCAATACAGCCACAAGCCCCTTCCC TGGACCTGGGTGCGAAGCTATGAATTCACCAGTAACAGCTGCTCCCAGCGGGCTGTGATA TTCACTACCAAAAGAGGCAAGAAAGTCTGTACCCATCCAAGGAAAAAATGGGTGCAAAAA TACATTTCTTTACTGAAAACTCCGAAACAATTGTGACTCAGCTGAATTGTCATCCGAGGA CGCTTGGACCCCGCTCTTGGCTCTGC
5' Read Nucleotide Sequence:	>OriGene 5' read for NM_006072 unedited NGGAAGGTCAGATTTGTTTACGACTTATATAGGCGGCCGCGCATTCANATCTGGTACCGG GCCCCCCCNTCGGGTCGACGGTATCGATAAGCTTGATATCGAATTCCTGCAGCCCGGGGG ATCCGCCCAGGCAGGAGGAGTTTGGGAGAAACCTGAGAAGGGCCTGATTTGCAGCATCAT GATGGGCCTCTCCTTGGCCTCTGCTGTGCTCCTGGCCTCCCTCCTGAGTCTCCACCTTGG AACTGCCACACGTGGGAGTGACATATCCAAGACCTGCTGCTTCCAATACAGCCACAAGCC CCTTCCCTGGACCTGGGTGCGAAGCTATGAATTCACCAGTAACAGCTGCTCCCAGCGGGC TGTGATATTCACTACCAAAAGAGGCAAGAAAGTCTGTACCCATCCAAGGAAAAAATGGGT GCAAAAATACATTTCTTTACTGAAAACTCCGAAACAATTGTGACTCAGCTGAATTGTCAT CCGAGGACGCTTGGACCCCGCTCTTGGCTCTGCGGGCTAGAGCGGCCGCGGTCATAGCTG TTTCCTGAACAGATCCCGGGTGGCATCCCTGTGACCCCTCCCCAGTGCCTCTCCTGGCCC TGGAAGTTGCCACTCCAGTGCCCACCAGCCTTGTCCTAATAAAATAAGTTGCATCATTTT GTCTGACTAGGTGTCCTTCTATAATATTATGGNGTGGAAGGGGGTGGTATGGAGCAAGGG CAAGTTGGGAAAACAACCTGTTAGGCCTGCGGGGTCTATTGGGAACCCAAGCTGAGTGCA GTGGCCCAATCTTGGCTCACTGCAATCTCCGCCTCCTGGGTTCAAGCGATTCTCCTGGCT TAACCTTCCCGATTTGTTGGGATTCCGGCCTGCCTGGACCGGGTTAAGTTAATTTTGGTT TTTTG
Restriction Sites:	Please inquire

View online »

ACCN:	NM_006072
Insert Size:	400 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).
OTI Annotation:	The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.
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_006072.4, NP_006063.1
RefSeq Size:	562 bp
RefSeq ORF:	285 bp
Locus ID:	10344
UniProt ID:	Q9Y258
Cytogenetics:	7q11.23
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	Chemokine signaling pathway, Cytokine-cytokine receptor interaction
Gene Summary:	This gene is one of two Cys-Cys (CC) cytokine genes clustered on the q arm of chromosome 7. 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 normal peripheral blood eosinophils and basophils. This protein also has antimicrobial activity, displaying an antibacterial effect on S. pneumoniae, S. aureus, Non-typeable H. influenzae, and P. aeruginosa. The product of this gene is one of three related chemokines that specifically activate chemokine receptor CCR3. This chemokine may contribute to the eosinophil accumulation in atopic diseases. [provided by RefSeq, Jul 2020]