

Product datasheet for RR211511

Cxcl6 (NM_022214) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cxcl6 (NM_022214) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Cxcl6
Synonyms: Cxcl5
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR211511 representing NM_022214
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGCTTCCAGCTCCGAGCTCCGCCGCATCCCTAGCCGGTCTGCTCGTCATTCACCCTGCTGGCAT
TTCTGCTGCTGTTCACTGCCACAGCATCGAGCTCAAGCTGCTCTTTCTCGGCCATGGTTGCAACGGA
GCTACGCTGTGTTGCTTAACCTTAGCTCCAAGAATTAACCCAAAATGATCGCTAATTTGGAGGTGATC
CCTGCAGGTCCACATTGCCCAAGGTGGAAGTCATAGCTAAGTTGAAGAACCAGAAGGATAATGTTTGTC
TTGACCCACAAGCTCCGTTGATAAAGAAAGTCATTCAGAAAATATTGGGCAGTAAAATAAGAAAACAAA
GCGGAATGCATTGCACTGGTCAGATCAGCCAGTACTCAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR211511 representing NM_022214
Red=Cloning site Green=Tags(s)

MSFQLRSSARIPSRSCSSFTLLAFLLFLTPQHRAQAAPFSAMVATELRCVCLTLAPRINPKMIANLEVI
PAGPHCPKVEVIAKLNQKDNVCLDPQAPLIKVIQKILGSENKTKRNALALVRSASTQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	<ol style="list-style-type: none">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_022214.1 , NP_071550.1
RefSeq Size:	393 bp
RefSeq ORF:	393 bp
Locus ID:	60665
UniProt ID:	P97885
Cytogenetics:	14p22
MW:	14.3 kDa
Gene Summary:	mouse homolog is a member of the CXC chemokine family, is a neutrophil chemoattractant and is rapidly induced in response to muscle injury [RGD, Feb 2006]