

CSF2-colony stimulating factor 2 (granulocyte-macrophage) Gene

Reference: PTXBC113999

Product type:	DNA	Storage Condition:	-20°C
Size/Quantity:	2 ug	Delivery Condition:	+4°C, Blue Ice
Synonyms	GMCSF; granulocyte-macrophage colony-stimulating factor; CSF; colony stimulating factor 2 (granulocyte-macrophage); granulocyte macrophage-colony stimulating factor; molgramostin; sargramostim; colony stimulating factor 2		

For research use only.

GENE DESCRIPTION	colony stimulating factor 2 (granulocyte-macrophage)
GENE ID	1437
ORIGIN SPECIES	Human
ACCESSIONS	BC113999
VECTOR	pDONR223
NCBI SYMBOL	CSF2
LENGTH	ProteoGenix bp
SEQUENCE PRIMERS	Forward primer M13R (5'→3'): GTAAAACGACGGCCAGT Reverse primer T7P (5'→3'): TAATACGACTCACTATAGG

ORF (Only for reference, product provided without STOP codon)

atgttgctgcagagcctgctcttgggcaactgtggcctgcagcatcttgcacccgccgctcgcagcccccagcagcagccctgggagcatgtgaatgccatccaggaggcccgccgtctcctgaacctgagtagagacactgctgctgagatgaatgaacagtagaagtcattcagaaaatgtttgacctccaggagccgacctgacctacagaccgacctggagctgtacaagcaggggcctgcggggcagcctcaccaagctcaaggcccttgacctgatggccagccactacaagcagcactgcctccaacccggaaacttctgtgcaaccagattatcacctttgaaagtttcaagagaacctgaaggactttctgtgtcatccctttgactgctgggagccagtcaggagtga