

Product datasheet for **RG218581**

IL3RB (CSF2RB) (NM_000395) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IL3RB (CSF2RB) (NM_000395) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	IL3RB
Synonyms:	betaGMR; CD131; CDw131; IL3RB; IL5RB; SMDP5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG218581 representing NM_000395
 Red=Cloning site Blue=ORF Green=Tags(s)

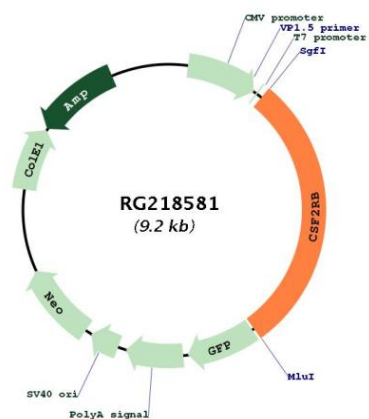
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 GCC**CGCATCGCC**

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 TTGGGAGGTCAACAAGCCTGGGGAGGTGTGT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

ACCN:	NM_000395
ORF Size:	2691 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
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_000395.1 , NP_000386.1
RefSeq Size:	2996 bp
RefSeq ORF:	2694 bp
Locus ID:	1439
UniProt ID:	P32927
Cytogenetics:	22q12.3
Domains:	FN3
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Apoptosis, Cytokine-cytokine receptor interaction, Jak-STAT signaling pathway
Gene Summary:	The protein encoded by this gene is the common beta chain of the high affinity receptor for IL-3, IL-5 and CSF. Defects in this gene have been reported to be associated with protein alveolar proteinosis (PAP). [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG218581