

Product datasheet for MR210649L3

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Stat5b (NM_001113563) Mouse Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Stat5b (NM_001113563) Mouse Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: Stat5b

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

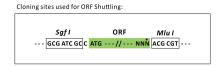
ORF Nucleotide

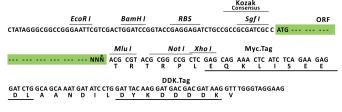
The ORF insert of this clone is exactly the same as(MR210649).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_001113563

ORF Size: 2358 bp



Stat5b (NM_001113563) Mouse Tagged Lenti ORF Clone - MR210649L3

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: 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: <u>NM 001113563.1</u>

RefSeq Size: 4923 bp
RefSeq ORF: 2361 bp
Locus ID: 20851
UniProt ID: P42232

Cytogenetics: 11 63.63 cM

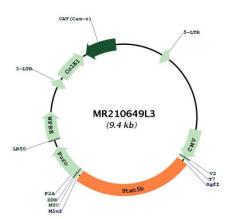
Gene Summary: Carries out a dual function: signal transduction and activation of transcription. Mediates

cellular responses to the cytokine KITLG/SCF and other growth factors. Binds to the GAS

element and activates PRL-induced transcription. Positively regulates hematopoietic/erythroid differentiation.[UniProtKB/Swiss-Prot Function]



Product images:



Circular map for MR210649L3