

Product datasheet for **RG236220**

Slap (SLA) (NM_001282965) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Slap (SLA) (NM_001282965) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: SLA
Synonyms: SLA1; SLAP
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG236220 representing NM_001282965.
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGATCAGAGAGAGTGAGACCAAGAAAGGGTTTTACTCACTGTCGGTGAGACACAGGCAGGTAAGCAT
TACCGCATTTTCCGTCTGCCAACAACCTGGTACTACATTTCCCGAGGCTCACCTCCAGTGCCTGGAG
GACCTGGTGAACCACTATTCTGAGGTGGCTGATGGCCTGTGCTGTGTGCTCACCACGCCCTGCCTGACA
CAAAGCACGGCTGCCCCAGCAGTGAGGGCTCCAGCTCACCTGTCACCTGCGTCAGAAGACTGTGGAC
TGGAGGAGAGTGTCCAGACTGCAGGAGGACCCCGAGGGAACAGAAACCCGCTTGGGGTAGACGAGTCC
CTTTTCAGCTATGGCCTTCGAGAGAGCATTGCCTCTTACCTGTCCCTGACCAGTGAGGACAACACCTCC
TTTGATCGAAAGAAGAAAGCATCTCCCTGATGTATGGTGGCAGCAAGAGAAAGAGCTCATTCTTCTCA
TCACCACCTACTTTGAGGAC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG236220
Blue=ORF Red=Cloning site Green=Tag(s)

```
MIRESETKKGFYLSVRRHRQVKHYRIFRLPNNWYYISPRLTFQCLEDLVNHYSEVADGLCCVLTPCLT
QSTAAPAVRASSPVTLRQKTVDWRRVSRQLQEDPEGTENPLGVDESLFSYGLRESIASYLSLTSEDNTS
FDRKKKISLSMYGGSKRKSSFFSSPPYFED
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPYSGYENPFLHAINNGGYNTRIEKYEDGGVLVHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites: Sgfl-MluI

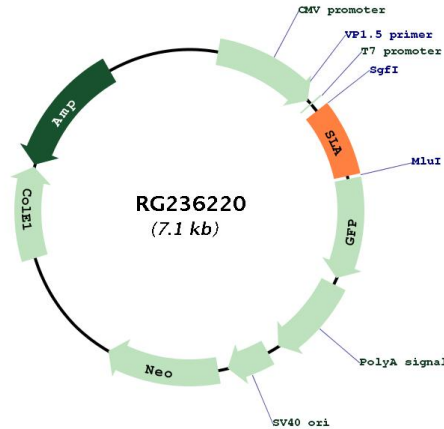


[View online »](#)

Cloning Scheme:



Plasmid Map:



ACCN: NM_001282965

ORF Size: 504 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).
RefSeq:	NM_001282965.2
RefSeq Size:	3096 bp
RefSeq ORF:	507 bp
Locus ID:	6503
UniProt ID:	Q13239
Cytogenetics:	8q24.22
Protein Families:	Druggable Genome
MW:	19.7 kDa
Gene Summary:	Adapter protein, which negatively regulates T-cell receptor (TCR) signaling. Inhibits T-cell antigen-receptor induced activation of nuclear factor of activated T-cells. Involved in the negative regulation of positive selection and mitosis of T-cells. May act by linking signaling proteins such as ZAP70 with CBL, leading to a CBL dependent degradation of signaling proteins.[UniProtKB/Swiss-Prot Function]