

## Product datasheet for RN215042

### Scrn1 (NM\_001025063) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Scrn1 (NM\_001025063) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Scrn1  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN215042 representing NM\_001025063  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGGATCGCC

ATGTCTGGTGCACCTCCGAGTTACTCCTTCGTGGCTTTGCCACCTCGAGCCAAGGATGGTCTGGTGGTGT  
 TTGGGAAAAATTCAGCGCGGCCAGAGATGAAGTGCAGGAGGTCGTGACTTCCCAGCTGTTGACCATGA  
 AGCTGAGAGCAAAGTTGAGTGCCTTACATCTCAATTGACCAAGTCCCAGGACCCAGCCATAGTGATA  
 AGCAGACCTGCCTGGCTCTGGGGGCAGAAATGGGAGCCAATGAACATGGGGTATGCATAGCCAATGAAG  
 CCATCAATGCCAGAGAACCAGCTGCTGAGACAGAAGCCTTACTGGGGATGGATCTGGTCAGGCTTGGTTT  
 AGAACGAGGGACAACAGCTAAAGAAGCCTTAGACATCATCGTCTCCTTATTGGATGAGCATGGACAAGGT  
 GGAAATTATTGAAGATGCCATTCTGCCATAGCTTCCAAAGTGCATATCTGCTGGTGGATCGTGATG  
 AAGCCTGGGTGCTGGAGACTGTAGGGAAGTATTGGGCTGCTGAGAGAATCACAGAGGGAGTGAGGTGCAT  
 TTGCAATCACCTTTCACTCACTACTAAGATGGACGAAGAACACCCAGAACTCAGGACGTATGCTCAGAGT  
 CAAGGCTGGTGGACCGGAGAGGATGAATTCATTTTGCCTAAGTCTTTTCTCCCGCTGATGACCATTTGG  
 ACTGCTGTGCAGGCAAAGACAGCTTAGAAAAGCAAGAAGAAAGCATCACGGTGCAGACGATGATTAACAT  
 CTTACGAGATAAAGCCAGTGGCGTTTGCATAGATTCTGAGTCTTTCCTTACCACAGCCAGTATAGTGCT  
 GTCCTGCCTCAGAACAGAAGTTCACCGTGCATTCACTACTTACCAGGACCCAGATCCTTCCAGGTCCA  
 TATTCAAGCCTTTCATCTTTGTTGATGATGTAACACTTGTCCCCAAAGCACAGTCGCCCTGTTTTGGGGA  
 CGATGACCCAGCCAAAAGGAACCTCGGTTCCAGGAGAAGCCAGACCGGCGGCACGAGCTGTACAAGGCA  
 CATGAGTGGGCACGTGCTGTCATCGAGAGCGACCAGGAGCAAGGCCGCACACTGAGGAAGACCATGCTGG  
 AGTTGGAGAAGCAAGCCTGGAGGCCATGGAAGAGATTCTGAGCAGCCCTGAACCCAGACCCCTGCTGA  
 GGTGGGGACCTTTTCTATGACTGTGTGGACCCGAGATGAAATTCCTTAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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<b>ACCN:</b>	NM_001025063
<b>Insert Size:</b>	1245 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001025063.1</a></u> , <u><a href="#">NP_001020234.1</a></u>
<b>RefSeq Size:</b>	1584 bp
<b>RefSeq ORF:</b>	1245 bp
<b>Locus ID:</b>	502776
<b>UniProt ID:</b>	<u><a href="#">Q6AY84</a></u>
<b>Cytogenetics:</b>	4q24
<b>Gene Summary:</b>	Regulates exocytosis in mast cells. Increases both the extent of secretion and the sensitivity of mast cells to stimulation with calcium (By similarity).[UniProtKB/Swiss-Prot Function]