

Product datasheet for **RN208633**

Scly (NM_001007755) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Scly (NM_001007755) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Scly
Synonyms:	MGC94824
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN208633 representing NM_001007755 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGACGTGGCGCGGAATGGCGCGGGGCAGTGTGGAGAGCCCGCCCAACAGGAAGGTCTATATGGACT
ACAATGCCACCACACCTCTAGAGCCCGAAGTCATCCAGGCTGTGACGGAAGCCATGAAAGAAGCCTGGGG
AAACCCAGCAGCTCATATGTAGCAGGTAGGAAGGCCAAGGACATTATAAACACAGCTCGGGCAAGCCTG
GCCAAGATGATAGGGGAAAGCCCGAGGACATCATCTTCACTTCTGGGGGCACCGAGTCCAATAATTTAG
TAATCCACTCTACGGTGAGATGCTTCCATGAGCAGCAGACCCCTGCAGGGGCGCACGGTTGACCAGATCAG
CCCTGAGGAGGGGACCAGGCCCATTTTATCACTTGCACGGTGGAGCATGACTCCATCCGGCTGCCCTG
GAGCACCTGGTGGAGATCAAGTGGCAGAGGTCACCTTTTGTCCAGTGTGCAAGGTAATGGGCAGGTAG
AAGTTGAGGATACCTGGCCGCTGTCCGTCCCAACATGCCTTGTGACCATCATGTTGGCCAATAACGA
GACTGGTGTATCATGCCATCTCTGAGATCAGTCGTCGATTAAGCCCTGAACCAGATCCGGGCTGCC
TCGGGGTACCCCGAGTCTGGTGCACACAGACGCTGCTCAGGCACTGGGAAAAGGCGAGTGGATGTCG
AGGACCTGGGCGTGGACTTCTGACCATCGTGGGGCATAAAGTTCTACGGCCCGAGGATCGGTGCTGTGTA
TGTGCGAGGGGTCGGTAACTTACCCCCCTGTACCCCATGCTGTTTGGAGGTGGACAAGAGCGGAATTTT
AGGCCAGGACCAGAAACACGCCATGATTGCTGGCCTTGGGAAGGCTGCGGATCTGGTGTGAGAACT
GCGAGACTTATGAGGCCACATGAGAGACATCCGGGATTACCTGGAGGAGAGGCTGGAGGCTGAATTTGG
TAAGAGAAATCCATTTGAACAGCCGCTTTCCAGGAGTGGAGAGGCTTCCGAACACCTGCAACTTTTCCATC
CAGGGGTCCAGCTTTCGAGGGTACATGGTCTTGCACAGTCCAGACACTGCTGGCCAGCGTGGGAGCTT
CATGCCACTCGGATCATGAGGACCGCCATCCCCAGTGTGCTGAGCTGTGGTATTCCTGTGGATGTGGC
CCGGAACGCAGTCCGGCTCAGTGTGGGCCGAGTACCCTAGGGCTGAAGTGGACCTCATCGTCAGGAC
CTGAAGCAGGCCGTGAACCAGCTGGAAGCCCGGTCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001007755
Insert Size:	1299 bp
OTI Disclaimer:	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).
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:	<u>NM_001007755.1</u> , <u>NP_001007756.1</u>
RefSeq Size:	2161 bp
RefSeq ORF:	1299 bp
Locus ID:	363285
UniProt ID:	<u>Q68FT9</u>
Cytogenetics:	9q36
Gene Summary:	Catalyzes the decomposition of L-selenocysteine to L-alanine and elemental selenium. [UniProtKB/Swiss-Prot Function]