

Product datasheet for **MC209473**

Stfa2 (NM_001082545) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Stfa2 (NM_001082545) Mouse Untagged Clone
Tag: Tag Free
Symbol: Stfa2
Synonyms: Stf2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209473 representing NM_001082545
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGACTGAATACACCATAGAAATAATTGGAGGTTTGTGAGGCCAGACCTGCCACATCAGAAATCCAGG
AGATTGCTGACAAGGTCAGACCACTGCTTGAAGAGAAAACCAATGAGAAATATGAAAAATCAAAGCCAT
CGAGTATAAAGTTCAAGTCGTCGAAGGACTAAATTACTTCATTAAGATGAATGTAGGACGTGGTTGCTAC
CTCCACATAAACGCTTAAAGTGGTATTTCCAGTAAAACGATTTGGAACACTGTTATCAGACTAACAA
AAGCAAAGAATGATGAGCTGACCTACTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001082545

Insert Size: 312 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).



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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: [NM_001082545.1](#), [NP_001076014.1](#)

RefSeq Size: 423 bp

RefSeq ORF: 312 bp

Locus ID: 20862

UniProt ID: [P35174](#)

Cytogenetics: 16 25.52 cM

Gene Summary: This is an intracellular thiol proteinase inhibitor.[UniProtKB/Swiss-Prot Function]