

Product datasheet for **MC225305**

Spta1 (NM_011465) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Spta1 (NM_011465) Mouse Untagged Clone
Tag: Tag Free
Symbol: Spta1
Synonyms: AF093576; AI451697; ha; ihj; nmf4; sph; Spna-1; Spna1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC225305 representing NM_011465
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

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Restriction Sites:

Sgfl-Mlul

ACCN:

NM_011465

Insert Size:

7248 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:

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_011465.4](#), [NP_035595.2](#)

RefSeq Size: 8405 bp

RefSeq ORF: 7248 bp

Locus ID: 20739

UniProt ID: [P08032](#)

Cytogenetics: 1 80.97 cM

Gene Summary: Spectrin is the major constituent of the cytoskeletal network underlying the erythrocyte plasma membrane. It associates with band 4.1 and actin to form the cytoskeletal superstructure of the erythrocyte plasma membrane.[UniProtKB/Swiss-Prot Function]