

## Product datasheet for **SC329753**

### AP5S1 (NM\_001204446) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** AP5S1 (NM\_001204446) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** AP5S1  
**Synonyms:** C20orf29  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC329753 representing NM\_001204446.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

ATGGTCCACGCCTTCCTCATTACACCTTGAGGGCCCCGAATACTGAGGACACGGCCTTTGCCGAGTG
CTGTACTCCTGCGTCTTCGGTGCTGAGAAGTCACCTGATGACCCACGGCCGCATGGTGCCGAGAGGGAC
AGGCTTCTCCGGAAGGAACAGATTTTAGCTGTGGCCAGGCAGGTAGAGTCAATGTGTCGGCTGCAGCAG
CAGGCATCTGGCCGGCCCCCATGGACCTGCAGCCGCAATCCTCAGATGAGCAAGTGCCGCTGCACGAG
GCCCCACGTGGGGCTTTCCGCCCTGGCAGCAGAGAACCCTTCCAGGAGCCACGGACGGTGGTGTGGCTG
GGCGTGCTCTCGTTAGGCTTTGCCCTGGTGTGGATGCCCATGAGAACCTGCTACTGGCTGAGGGCACG
CTCCGGCTGCTGACACGCCTCCTCCTTGACCACCTCCGGCTGCTGGCGCCAGCACCAGCCTTCTGCTG
CGGGCTGACCGCATTGAGGGCATCTCACCCGCTTCTGCCACATGGTCAGCTGCTTTTCTCAACGAC
CAGTTTGTCCAAGGCCTGGAGAAGGAATTAGTGCCGCTTGGCCCCGCTGA
  
```

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001204446

**Insert Size:** 603 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\\_001204446.1](#)

**RefSeq Size:** 1960 bp

**RefSeq ORF:** 603 bp

**Locus ID:** 55317

**UniProt ID:** [Q9NUS5](#)

**Cytogenetics:** 20p13

**MW:** 22.5 kDa

**Gene Summary:** As part of AP-5, a probable fifth adaptor protein complex it may be involved in endosomal transport. According to PubMed:20613862, it is required for efficient homologous recombination DNA double-strand break repair.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) represents the longest transcript. Variants 1, 2, and 3 encode the same protein.