

Product datasheet for **SC329754**

AP5S1 (NM_001204447) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	AP5S1
Synonyms:	C20orf29
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC329754 representing NM_001204447. Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGGTCCACGCCTTCCTCATTACACCTTGAGGGCCCCGAATACTGAGGACACGGGCCTTTGCCGAGTG
CTGTACTCCTGCGTCTTCGGTGCTGAGAAGTCACCTGATGACCCACGGCCGCATGGTGCCGAGAGGGAC
AGGCTTCTCCGGAAGGAACAGATTTTAGCTGTGGCCAGGCAGGTAGAGTCAATGTGTCGGCTGCACGAG
CAGGCATCTGGCCGGCCCCCATGGACCTGCAGCCGCAATCCTCAGATGAGCAAGTGCCGCTGCACGAG
GCCCCACGTGGGGCTTTCCGCCTGGCAGCAGAGAACCCTTTCCAGGAGCCACGGACGGTGCTGTGGCTG
GGCGTGCTCTCGTTAGGCTTTGCCCTGGTGCTGGATGCCCATGAGAACCTGCTACTGGCTGAGGGCAGC
CTCCGGCTGCTGACACGCCTCCTCCTTGACCACCTCCGGCTGCTGGCGCCAGCACCAGCCTTCTGCTG
CGGGCTGACCGCATTGAGGGCATCCTACCCGCTTCTGCCACATGGTCAGCTGCTTTCTCAACGAC
CAGTTTGTCCAAGGCCTGGAGAAGGAATTCAGTGCCGCTTGCCCCGCTGA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001204447
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).



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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001204447.1</u>
RefSeq Size:	1808 bp
RefSeq ORF:	603 bp
Locus ID:	55317
UniProt ID:	<u>Q9NUS5</u>
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 (3) differs in the 5' UTR, compared to variant 1. Variants 1, 2, and 3 encode the same protein.