

Product datasheet for **RG236151**

AP2S1 (NM_001301076) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	AP2S1 (NM_001301076) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	AP2S1
Synonyms:	AP17; CLAPS2; FBH3; FBHOk; HHC3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG236151 representing NM_001301076. Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGAAACTTAAGGGTCTGGGAAAGCGCTGTAAAAGGAGAGAGGACCTGGAGATCCGCTTTATCCTCATC
CAGAACCCGGCAGGCAAGACGCGCTGGCCAAGTGGTACATGCAGTTTGATGATGAGAAACAGAAG
CTGATCGAGGAGTGCATGCCGTGGTACCCTCCGAGACGCCAAACACACCAACTTTGTGGAGTCCGG
AACTTTAAGATCATTTACCGCCGCTATGCTGGCCTCTACTTCTGCATCTGTGTGGATGCAATGACAAC
AACCTGGCTTACCTGGAGGCCATTCAACTTCGTGGAGGTCTTAAACGAATATTTCCCAATGTCTGT
GAACTGGACCTGGTGTTCAACTTCTACAAGGTTTACACGGTCGTGGACGAGATGTTCTCGCTGGCGAA
ATCCGAGAGACCAGCCAGACGAAGGTGCTGAAACAGCTGCTGATGCTACAGTCCCTGGAG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG236151
Blue=ORF Red=Cloning site Green=Tag(s)

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MKLKGLGKRCKRREDLEIRFILIQNRAGKTRLAKWYMQFDDEKQKLIIEVHAVVTVRDAKHTNFVEFR
NFKIIRRYAGLYFCICVDVNDNNLAYLEAIHNFVEVLNEYFHNVCLELDLVFNFKYVYTVVDEMFLAGE
IRETSQTKVLKQLLMLQSLE
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPYSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSSHMFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
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Restriction Sites: Sgfl-MluI



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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).
RefSeq:	<u>NM_001301076.2</u>
RefSeq Size:	890 bp
RefSeq ORF:	477 bp
Locus ID:	1175
UniProt ID:	<u>P53680</u>
Cytogenetics:	19q13.32
Protein Pathways:	Endocytosis, Huntington's disease
MW:	19.4 kDa
Gene Summary:	One of two major clathrin-associated adaptor complexes, AP-2, is a heterotetramer which is associated with the plasma membrane. This complex is composed of two large chains, a medium chain, and a small chain. This gene encodes the small chain of this complex. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]