

Product datasheet for SC300401

PHETA2 (NM_001002034) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PHETA2 (NM_001002034) Human Untagged Clone
Tag:	Tag Free
Symbol:	PHETA2
Synonyms:	FAM109B; IPIP27B; Ses2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC300401 representing NM_001002034. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
 ATGAAGCTGAACGAGAGGAGTGTAGCCCACTATGCACTCAGCGACTCCCCAGCGGACCACATGGGCTTC
 CTGCGCACCTGGGGGGGCCAGGGACCCACCGACCCCACTGGCACTGGCCGAAGATGCTGGTTTGTC
 CTCAAGGGCAACCTGCTATTCTCTTTGAGAGTCGCGAGGGCCGGGCCCACTGAGCCTGGTGGTGCTG
 GAAGGCTGCACAGTGGAAGTGGCCGAGGCTCCCGTCCCGAGGAGTTGCCTTTGCCATCTGCTTTGAT
 GCCCCTGGAGTGCGCCACACCTGCTGGCCGAGAAGGGCCGGCGCCAGGAGGCTGGTGAAGGTG
 CTGTCCCGGGCAAGCTTTGGCTACATGCGCCTGGTGGTACGCGAGTTGGAGAGCCAGTTGCAGGACGCA
 CGCCAGAGCCTGGCTTTGCAACGCCGCTCATCCTGGAAGTCTGTTGCCAGCCGCTGAAGCCCCAGGCT
 CCTAACCCAGAGCTGCGGGCCTGGAGAATGGCCACTGCCTCTCCAAGGACAGCAGCCCTGTGGGCTTG
 GTTGAAGAAGCGGGCAGCAGGTCTGCAGGGTGGGGTTGGCTGAGTGGGAGCTGCAGGGCCCTGCCAGC
 CTCCTCTAGGCAAGGGGCAGAGCCCTGTGTCCCTGAGACCTCCTGCTTCTCTACCCTGCATGACTGG
 TATGGCCAGGAGATCGTGGAGCTGCGGCAGTGTGGCAGAAGAGGGCCAGGGGAGCCACTCAAAATGT
 GAGGAACAGGATAGGCCCTAA
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001002034
Insert Size:	780 bp


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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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_001002034.2
RefSeq Size:	2369 bp
RefSeq ORF:	780 bp
Locus ID:	150368
UniProt ID:	Q6ICB4
Cytogenetics:	22q13.2
MW:	28.3 kDa
Gene Summary:	Plays a role in endocytic trafficking. Required for receptor recycling from endosomes, both to the trans-Golgi network and the plasma membrane.[UniProtKB/Swiss-Prot Function]