

Product datasheet for **SC330993**

AAGAB (NM_001271885) Human Untagged Clone

Product data:

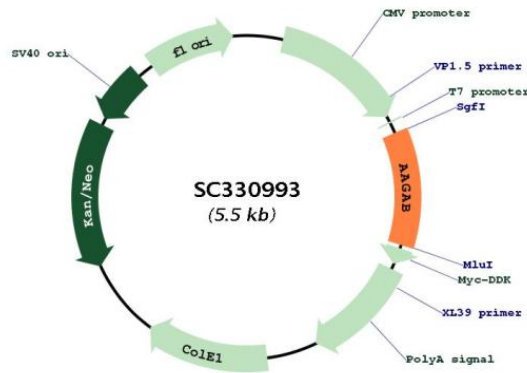
Product Type:	Expression Plasmids
Product Name:	AAGAB (NM_001271885) Human Untagged Clone
Tag:	Tag Free
Symbol:	AAGAB
Synonyms:	KPPP1; p34; PPKP1; PPKP1A
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC330993 representing NM_001271885. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGATCTTGGTCTGCGATAGAGTGTCTGAAGATGGTATAAACCGACAAAAAGCTCAAGAATGGTGCATC
AAACATGGCTTTGAATTGGTAGAACTTAGTCCAGAGGAGTTGCCTGAGGAGGATGATGACTTCCCAGAA
TCTACAGGAGTAAAGCGAATTGTCCAAGCCCTGAATGCCAATGTGTGGTCCAATGTAGTGATGAAGAT
GATAGGAACCAAGGCTTTAGCCTTCTCAACTCATTGACTGGAACAAACCATAGCATTGGGTCAGCAGAT
CCCTGTCACCCAGAGCAACCCCATTTGCCAGCAGCAGATAGTACTGAATCCCTCTCTGATCATCGGGGT
GGTGCATCTAACACAACAGATGCCAGGTTGATAGCATTGTGGATCCCATGTTAGATCTGGATATTCAA
GAATTAGCCAGTCTTACCACTGGAGGAGGAGATGTGGAGAATTTTGAAAGACTCTTTTCAAAGTTAAG
GAAATGAAAGACAAGGCTGCGACGCTTCTCATGAGCAAAGAAAAGTGCATGCAGAAAAGGTGGCCAAA
GCATTCTGGATGGCAATCGGGGAGACAGAGATGAAATTGAAGGCCTTTCATCTGATGAAGAGCACTGA
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:


ACCN: NM_001271885

Insert Size: 621 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_001271885.1](#)

RefSeq Size: 3083 bp

RefSeq ORF: 621 bp

Locus ID: 79719

UniProt ID: [Q6PD74](#)

Cytogenetics: 15q23

MW: 22.7 kDa

Gene Summary: The protein encoded by this gene interacts with the gamma-adaptin and alpha-adaptin subunits of complexes involved in clathrin-coated vesicle trafficking. Mutations in this gene are associated with type I punctate palmoplantar keratoderma. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Dec 2012]
Transcript Variant: This variant (2) contains an alternate 5' terminal exon, which causes translation initiation from an in-frame downstream start codon compared to variant 1. The resulting isoform (2) has a shorter N-terminus compared to isoform 1. Variants 2 and 3 encode the same isoform.