

Product datasheet for **SC325213**

IPP (NM_001145349) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IPP (NM_001145349) Human Untagged Clone
Tag:	Tag Free
Symbol:	IPP
Synonyms:	KLHL27
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF:	>NCBI ORF sequence for NM_001145349, the custom clone sequence may differ by one or more nucleotides <pre> ATGGCTAATGAGGACTGTCCCAAGGCTGCTGATAGTCCTTTTTCATCAGATAAACATGCC CAACTCATCTTGGCCCAATCAATAAGATGAGAAATGGACAGCATTCTGTGATGTGCAG CTGCAAGTTGGACAGGAAAGTTTAAAGCTCATCGGCTGGTTTTGGCTGCCAGCAGTCCT TACTTTGCAGCTTTGTTCACTGGAGGAATGAAAGAGTCCTCAAAGATGTTGTACCGATT CTAGGAATTGAAGCAGGAATCTTTCAGATACTTCTAGATTTTCAATTACACAGGTATAGTG AACATAGGTGTGAATAATGTCCAGGAGTTGATTATTGCAGCAGACATGCTACAGTTGACT GAAGTTGTTTCATCTTTGCTGTGAATTTCTGAAAGGACAAATTGATCCACTGAACTGCATT GGAATTTTTTCAGTTCTCTGAGCAAATTCCTGCCATGATCTCTTGAATTCTCAGAAAAAC TACATTCATGTCCATTTCTTGGAGGTTCAAGTGGAGAAGAGTTCCTGGCACTTACGAAA GATCAGCTGATCAAAATTTTGCAGAGTGAAGAGCTTAGCATTGAGGATGAATACCAGGTC TTCTTAGCTGCAATGCAATGGATTCTGAAAGATTTGGGAAAAAGAAGAAACATGTGGTG GAAGTGCTAGACCAATTCGATTCCCTTTATTACCTCCTCAGAGACTTTTAAAGTATATA GAAGGAGTATCCGATTTTAACTTCGTGTGCATTGCAAACTTCTGAAAGAGTACTGT GAAGTATGCAAACTCTCCCAAGAGAACAAGTTTTGTAGTTTTCTGCAGACATCTAAGGTT CGACCTCGGAAGAAAGCAAGAAAGTACCTGTATGCAGTAGGTGGATATACTCGGTTGCAG GGGGTTCGCTGGAGTGATAGCAGAGCCCTCAGCTGTGTAGAACGTTTTGACACCTTAGC CAGTACTGGACCACTGTGTCTTCACTTCATCAGGCTCGAAGTGGGCTGGGAGTAACAGTT CTGGGAGGGATGGTCTACGCTATTGGAGGTGAAAGGATTCAATGATTTTTGATTGTACT GAATGCTATGATCCAGTTACTAAACAGTGGACAAGTGTAGCTTCGATGAATCATCCCCGC TGCGGCTTAGGAGTGTGTGTGTATGGGGCTATCTATGCTTTGGGTGGATGGGTTGGA GCTGAGATAGGGAACACCATTTGAACGATTGATCCTGATGAAAAATAATGGGAAGTAGTT GGTAACATGGCTGTGTACGCTACTACTTTGGGTGCTGTGAAATGCAAGGTTTAATTTAT GTAATTGGGGGCATCAGCAATGAAGGAATAGAAGTTCGTTCTTTTGAAGTCTATGATCCA CTTTCTAAGCGTTGGTCTCCACTTCCTCAATGGGAACAGGAGAGCATATCTTGGTGTG GCTGCACTCAATGACTGCATCTATTCTGTTGGAGGATGGAATGAGACCAAGATGCTCTT CATACTGTAGAAAAATATTCCTTTGAAGAGGAAAAAGTGGGTTGAAGTGCCTCAATGAAA GTGCTAGAGCAGGCATGTGTGTGTGGCAGTCAATGGTCTTCTGTATGTTTCTGGAGGT CGATCTTCCAGCCATGATTTTTTGGCTCCAGATACTCACAGATACAGGTTTTCCGCTTG AAGTGGGAGAATATGTGCATTCTTTCAATGATCACAAGACTCTAACAAAGGGGATTTT AATCTT </pre>
Restriction Sites:	Please inquire
ACCN:	NM_001145349
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_001145349.1](#), [NP_001138821.1](#)

RefSeq Size: 2121 bp

RefSeq ORF: 1749 bp

Locus ID: 3652

UniProt ID: [Q9Y573](#)

Cytogenetics: 1p34.1

Gene Summary: The protein encoded by this gene is a member of the kelch family of proteins, which is characterized by a 50 amino acid repeat which interacts with actin. Transcript variants have been described but their full-length nature has not been determined. [provided by RefSeq, Jul 2008]

Transcript Variant: This variant (2) uses an alternate splice site and alternate exon in the 3' coding region compared to variant 1, that results in a frameshift. This variant encodes isoform 2, which has a shorter and distinct C-terminus compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.