OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC322725

SEC23IP (NM_007190) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SEC23IP (NM_007190) Human Untagged Clone
Tag:	Tag Free
Symbol:	SEC23IP
Synonyms:	iPLA1beta; MSTP053; P125; P125A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

>OriGene sequence for SC322725
GGTGTGGTACCGGGTACCCGGAGACGTGTATCGGACGGTGGGCCGCAGCCATGGCCGAGA
GAAAACCTAACGGTGGCAGCGGCGGCGCCTCCACTTCCTCATCGGGCACTAACTTACTTT
TCTCCTCCTCGGCCACGGAGTTCAGCTTCAATGTGCCCTTCATCCCAGTCACCCAGGCCT
CCGCTTCTCCGGCCTCCCTGCTCTTACCGGGAGAGGATTCCACAGATGTTGGTGAGGAGG
ACAGCTTCCTTGGTCAGACTTCTATTCACACATCTGCCCCACAGACATTTAGTTACTTCT
CTCAGGTATCAAGCAGCAGTGATCCTTTTGGGAATATTGGACAGTCACCATTAACAACTG
CAGCAACCTCAGTTGGACAATCAGGATTCCCCAAGCCCCTGACTGCTCTCCCTTTTACAA
CTGGATCCCAAGATGTCTCGAATGCATTTTCACCATCCATTTCGAAGGCTCAACCTGGTG
CTCCACCTTCCTCACTGATGGGAATAAATTCTTATCTGCCTTCTCAGCCAAGTAGTCTCC
CTCCTTCATATTTTGGGAACCAACCCCAAGGAATTCCCCAACCAGGATACAATCCATATC
GCCATACCCCTGGCAGCAGCAGGGCTAATCCTTACATTGCACCACCCCAGCTGCAGCAGT
GCCAAACACCAGGCCCTCCTGCTCATCCTCCACCTTCTGGACCCCCTGTTCAGATGTACC
AGATGCCTCCAGGATCTTTGCCACCGGTTCCTTCTTCAGTGCAGTCACCGGCACAGCAGC
AGGTACCTGCCAGACCTGGGGCTCCCTCTGTTCAAGTGCCATCTCCTTTTCTACTTCAAA
ACCAATATGAGCCTGTTCAGCCCCACTGGTTTTACTGCAAGGAGGTAGAATACAAACAAC
TGTGGATGCCTTTTAGTGTGTTCGACTCTTTGAATCTTGAAGAAATCTATAATTCAGTTC
AGCCAGATCCGGAGAGCGTGGTTCTTGGCACGGATGGAGGGCGCTACGATGTTTACCTCT
ATGACCGAATAAGGAAGGCTGCCTACTGGGAAGAGGAGCCAGCCGAAGTGAGACGCTGTA
CTTGGTTTTACAAGGGGGACACAGATAGTCGATTTATTCCCTATACTGAGGAGTTCAGTG
AAAAACTAGAGGCTGAATATAAAAAAGCTGTAACCACTAATCAGTGGCACCGAAGATTAG
AGTTTCCAAGTGGAGAGACAATTGTTATGCACAATCCAAAGGTTATTGTTCAGTTCCAGC
CCTCCTCAGTGCCAGATGAATGGGGCACCACGCAAGATGGACAGACAAGGCCCAGGGTTG
TAAAGCGTGGAATTGATGATAACCTTGATGAAATTCCCGACGGGGAGATGCCTCAAGTTG
ACCATTTGGTGTTTGTGGTGCATGGCATTGGACCTGTGTGTGACTTACGCTTTAGGAGCA
TTATTGAGTGTGTGGATGATTTTAGGGTGGTTTCTCTCAAATTGCTGCGGACACATTTCA
AGAAATCTTTAGATGACGGGAAAGTAAGCAGAGTGGAGTTCCTTCCAGTTCATTGGCATA

View online »

GTTCTTTGGGTGGGGACGCCACAGGTGTGGACAGGAATATTAAGAAAATCACTTTGCCAA
GTATTGGTCGATTTCGTCACTTTACCAATGAAACTTTGCTAGATATTTTATTTTATAACA
GCCCCACCTACTGTCAGACAATTGTGGAAAAAGTAGGAATGGAGATAAACCATCTGCATG
CACTCTTTATGAGTCGGAACCCAGACTTCAAAGGAGGTGTCTCTGTTGCTGGTCACAGTT
TAGGTTCTTTAATATTGTTTGACATCCTGTCTAATCAAAAAGATTTGAATTTATCAAAGT
GCCCTGGACCTCTTGCTGTTGCTAATGGAGTTGTGAAGCAGCTACATTTTCAGGAAAAGC
AGATGCCTGAAGAGCCAAAGCTGACTTTGGATGAGTCGTATGACCTTGTTGTTGAAAATA
AAGAAGTCCTAACTTTGCAAGAAACTCTGGAAGCACTTAGCCTCTCTGAATATTTTAGCA
CTTTTGAAAAGGAAAAGATTGATATGGAGTCCCTGCTTATGTGTACAGTTGATGACCTGA
AGGAAATGGGGATACCCCTTGGACCCAGAAAGAAGATAGCTAACTTTGTAGAACATAAAG
CAGCCAAACTGAAAAAAGCAGCGTCAGAAAAGAAGGCAGTGGCGGCCACTTCTACAAAAG
GACAAGAGCAAAGTGCCCAGAAGACTAAAGACATGGCTTCCCTCCCCTCAGAATCCAATG
AGCCAAAGAGGAAACTTCCAGTTGGTGCTTGCGTGTCTTCTGTGTGTGTGAATTATGAAT
CTTTTGAAGTTGGCGCCGGACAGGTTTCTGTTGCTTACAACTCATTAGATTTTGAACCAG
AGATATTCTTTGCCTTGGGGTCTCCAATTGCTATGTTTCTCACTATTCGAGGAGTTGATA
GGATAGATGAGAATTACAGCCTTCCTACCTGTAAAGGGTTCTTCAATATTTATCATCCGC
TTGATCCAGTGGCATATAGATTAGAACCTATGATTGTTCCAGATTTGGACCTAAAAGCTG
TTCTCATTCCACATCACAAAGGCAGAAAAAGACTTCATTTAGAATTGAAAGAGAGTCTCT
CTCGTATGGGATCTGATTTGAAGCAGGGTTTTATTAGCTCTCTCAAAAGTGCTTGGCAGA
CATTAAATGAGTTTGCCCGTGCTCATACGTCTTCAACCCAGTTGCAAGAAGAATTGGAGA
AGGTGGCCAATCAGATCAAAGAAGAAGAAGAAAAGCAAGTAGTTGAAGCAGAAAAGGTTG
TTGAAAGTCCAGATTTTTCCAAGGATGAGGACTACTTAGGAAAGGTTGGAATGTTAAATG
GAGGCCGCCGAATTGACTACGTTCTCCAAGAAAAACCAATAGAGAGTTTTAATGAATACC
TTTTCGCTCTTCAGAGTCACTTATGCTATTGGGAATCTGAAGATACTGCTCTGTTACTAC
TTAAAGAAATTTATCGAACAATGAACATTAGTCCAGAACAGCCCCAGCATTGATCAAACT
TCAGTTTTACTGTACTTTCTTGTCTGCACAGAAAGTCCCAGTACAACTTCCATTGCTGAG
AAAATCCTCAGAGGACTTTCCCACTTCGCTCCTGTGATGGATGACAGAAGAGTGATTCAT
TAACAATTGCTCAGCCACAATTCTCGGATATAGGGATTCAAAAGACAGGACACAGAACTA
ACACAGTGAAAAAAATCAGTACCACATTTGGACAGTATAGGTGAGAAAACATAATTATAA
AAATGATGCCATGAAAAATTCCACAGATCAGTTTAGTTGTATAGTTGTCAAAGTTATATG
TGATATCAATGAAGAAATATTTGTAGCATGTAAACGGTTATTTCTGTTTCTTAAAAAGTA
TTGTTAGTGGGCTATTAAACTTGGATTTTTCTTTTTATTAATGCAGTATGTTCTTTTTAT
TCAAGTATGAACTTGTTGAGAAACTATAGTAATATGATTTTTAAGAGATTTATGTTCTAC
TTAAAATGTGAATTGTACTTCTGAGCTGCCTTAATGCAAGGTCATTTATATTTGTTAAGA
GGAAATAATCAAGATCACTCATATCCCAACTGAATCTGAGGTTTTATAAATCCCTCAAAC
GATTGCTGAGAGCCTGATTGTGGAAAGAAGTGAGATGCACCTTATTTTCAAGAAGTCCTG
GGAAGCGCTCTCCTAGCACGTCCATTTCCAGGAGGAGAAGCAAGCAGATGAGAGGTTTTC
CATTTTGTCATCCAAGGTAGCTGTGCACTTGCCTTGTTGCTGAAGTTCCAATAATGTGAA
AACCAAAGTAGAGGTTTTTTTCTTCTTCTTTTTGTTTTCTATTAATTTCACTTATACCAA
AGTGTTTGAAAGTATGAAATGTGTTGCTTCTGAGTTATATAAGGCTACTTCATGACAAGA
CTGCTTTGTAATATTTCACTTTGTTTTACTACAAATTCAGATCACTTTGTTTTACTATAA
ATTCAGATTATCCAAATATTTTCCTAATACTATGTGGGAATGCTGATTTTCTTTTGTTAC
GTAGTGGAAACATTTTGCATTGTTTACATAGTTCTCATGGAACATGGAAATTTTTGAAAG
TGATATATGATACACATTTTTTGTGTATGTATTCTAATTAGTGTGAATAAAGCAGTAACA
TTAATGCATTTTTTAAGCAGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_007190

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_007190.2, NP_009121.1
RefSeq Size:	4243 bp
RefSeq ORF:	3003 bp
Locus ID:	11196
UniProt ID:	Q9Y6Y8
Cytogenetics:	10q26.11-q26.12
Domains:	SAM, DDHD
Gene Summary:	This gene encodes a member of the phosphatidic acid preferring-phospholipase A1 family. The encoded protein is localized to endoplasmic reticulum exit sites and plays a critical role in ER-Golgi transport as part of the multimeric coat protein II complex. An orthologous gene in frogs is required for normal neural crest cell development, suggesting that this gene may play a role in Waardenburg syndrome neural crest defects. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Feb 2011] Transcript Variant: This variant (1) represents the longer transcript and encodes a functional protein. 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.