

Product datasheet for **SC121611**

CCDC23 (SVBP) (NM_199342) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC23 (SVBP) (NM_199342) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCDC23
Synonyms:	CCDC23; NEDAHM
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_199342, the custom clone sequence may differ by one or more nucleotides

[ATGGATCCACCTGCACGTAAGAAAAACCAAAGTTAAAGAATCTGTCAGCAGAGTTGAGAAGGCCAAACAGAAATCAGCCCAGCAGGAGCTGAAGCAGAGACAAAGAGCAGAGATCTATGCCCTCAACAGATCATGACAGAACTGGAGCAGCAGCAGTTTGTGAGTTCTGTAACAGATGCAGCCTCCTGGAGAATGA](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_199342 unedited
AATACGACTCACTATAGGGCGGCCGGAATTCGCCGAGGTGGTTCGGGGAAGCGAGGAT
TACCTCCCGGAGGCGTTGTCTGCGACTCGGCGGAGGCTCCAACCTCCAGTGGCCCGGTC
GGGAAAGATCAGAGCCTCCTAAGAAATATCCAGAAGTCAAGCCATGGATCCACCTGCACG
TAAAGAAAAACCAAAGTTAAAGAATCTGTCAGCAGAGTTGAGAAGGCCAAACAGAAATC
AGCCCAGCAGGAGCTGAAGCAGAGACAAAGAGCAGAGATCTATGCCCTCAACAGATCAT
GACAGAACTGGAGCAGCAGCAGTTTGTGAGTTCTGTAACAGATGCAGCCTCCTGGAGA
ATGAGGCCCGAGTTCAAACCAGATGGGATCCTGAGAGCTTTGAGAGGGTGTGCCAGTT
TTAAGCTGAGATGGCCATTTGGAGCCTTACAGAAGTACAGACAGATTTGTGGATA
AATCTGAACTCACTTCTGTGTGTAACCTTCACTTCACTGGTTCTCCCATCTGAATTG
GCCACATGCTTGCTGAAGAGACTTGTCTTCTTCTAAGACAGTGGTTTGTNTTTGG
GTTTTTAAANAAAAAAAAAAAAAAAAACACACAAAAACACTTTTTCTATTGTTTGAGA
AAAATCAGTGTCTCATGAACTCTATATCTTCTCCAAAAATCCAAATANATACTAATA
AAATGTTAAAAAAAAANNN
ANNN
TTTTCCCCCTGGATTTCAAGGGGAGAAAAAAGGAATCCCTCTAAAAAATAAAAAA
AAAAAAAAAAGGGGGGGCGA

Restriction Sites: NotI-NotI



ACCN:	NM_199342
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:	<ol style="list-style-type: none">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:	<u>NM_199342.1</u> , <u>NP_955374.1</u>
RefSeq Size:	684 bp
RefSeq ORF:	201 bp
Locus ID:	374969
UniProt ID:	<u>Q8N300</u>
Cytogenetics:	1p34.2
Gene Summary:	Enhances the tyrosine carboxypeptidase activity of VASH1 and VASH2, thereby promoting the removal of the C-terminal tyrosine residue of alpha-tubulin (PubMed:29146869). Also required to enhance the solubility and secretion of VASH1 and VASH2 (PubMed:20736312, PubMed:27879017).[UniProtKB/Swiss-Prot Function]