

Datasheet for ABIN7546429  
**CCDC23 Protein (AA 1-66) (Fc Tag)**



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## Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 1 mg   |
| Target:                       | CCDC23                                       |
| Protein Characteristics:      | AA 1-66                                      |
| Origin:                       | Human  |
| Source:                       | HEK-293 Cells                                |
| Protein Type:                 | Recombinant                                  |
| Purification tag / Conjugate: | This CCDC23 protein is labelled with Fc Tag. |

## Product Details

|                  |   |
|------------------|---|
| Purpose:         | Custom-made recombinant SVBP Protein expressed in mammalian cells.  |
| Sequence:        | MDPPARKEKT KVKESVSRVE KAKQKSAQQE LKQRQRAEIY ALNRVMTELE QQQFDEFCKQ<br>MQPPGE <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b>   |
| Specificity:     | If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.   |
| Characteristics: | Key Benefits: <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> |

## Product Details

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This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

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| Purity: | > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC) |
| Grade:  | custom-made   |

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## Target Details

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|                   |   |
|-------------------|---|
| Target:           | CCDC23  |
| Alternative Name: | SVBP ( <a href="#">CCDC23 Products</a> )  |
| Background:       | <p>Small vasohibin-binding protein (Coiled coil domain-containing protein 23),FUNCTION: Enhances the tyrosine carboxypeptidase activity of VASH1 and VASH2, thereby promoting the removal of the C-terminal tyrosine residue of alpha-tubulin (PubMed:29146869, PubMed:31270470, PubMed:31235911, PubMed:31324789, PubMed:31171830, PubMed:31235910). This activity is critical for spindle function and accurate chromosome segregation during mitosis since microtubule detyronisation regulates mitotic spindle length and positioning (PubMed:31171830). Also required to enhance the solubility and secretion of VASH1 and VASH2 (PubMed:20736312, PubMed:27879017, PubMed:30607023). Plays a role in axon and excitatory synapse formation (PubMed:31235911).</p> <p>{ECO:0000269 PubMed:20736312, ECO:0000269 PubMed:27879017, ECO:0000269 PubMed:29146869, ECO:0000269 PubMed:30607023, ECO:0000269 PubMed:31171830, ECO:0000269 PubMed:31235910, ECO:0000269 PubMed:31235911, ECO:0000269 PubMed:31270470, ECO:0000269 PubMed:31324789}.</p> |
| Molecular Weight: | 7.8 kDa   |
| UniProt:          | <a href="#">Q8N300</a>  |

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## Application Details

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Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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