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## Datasheet for ABIN7553010 **CCDC25 Protein (AA 1-208) (His tag)**

### Overview

Quantity:	1 mg
Target:	CCDC25
Protein Characteristics:	AA 1-208
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCDC25 protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant CCDC25 Protein expressed in mammalian cells.
Sequence:	MV FYFTSSSV NSSAYTIYMG KDKYENEDLI KHGWPEDIWF HVDKLSSAHV YLRLHKGENI EDIPKEVLMD CAHLVKANSI QGCKMNNVNV VYTPWSNLKK TADMVGGIG FHRQKDKVIV TVEKKVNEIL NRLEKTKVER FPDLAAEKEC RDREERNEKK AQIQEMKKRE KEEMKKKREM DELRSYSSLM KVENMSSNQD GNDSDEFM <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></ul>

## Product Details

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- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

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:	CCDC25
Alternative Name:	CCDC25 ( <a href="#">CCDC25 Products</a> )
Background:	<p>Coiled-coil domain-containing protein 25,FUNCTION: Transmembrane receptor that senses neutrophil extracellular traps (NETs) and triggers the ILK-PARVB pathway to enhance cell motility (PubMed:32528174). NETs are mainly composed of DNA fibers and are released by neutrophils to bind pathogens during inflammation (PubMed:32528174). Formation of NETs is also associated with cancer metastasis, NET-DNA acting as a chemotactic factor to attract cancer cells (PubMed:32528174). Specifically binds NETs on its extracellular region, in particular the 8-OHdG-enriched DNA present in NETs, and recruits ILK, initiating the ILK-PARVB cascade to induce cytoskeleton rearrangement and directional migration of cells (PubMed:32528174). In the context of cancer, promotes cancer metastasis by sensing NETs and promoting migration of tumor cells (PubMed:32528174).</p> <p>{ECO:0000269 PubMed:32528174}.</p>
Molecular Weight:	24.5 kDa
UniProt:	<a href="#">Q86WR0</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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