

# Recombinant Mouse Ccdc120 Protein, Myc/DDK-tagged

**Cat. No.** Ccdc120-1988M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length coiled-coil domain containing 120 (Ccdc120), with C-terminal MYC/DDK tag, expressed in HEK293T cells.                                                                                                                                                                                                                                                                                                       |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Description</b>      | Centriolar protein required for centriole subdistal appendage assembly and microtubule anchoring in interphase cells. Together with CCDC68, cooperate with subdistal appendage components ODF2, NIN and CEP170 for hierarchical subdistal appendage assembly. Recruits NIN and CEP170 to centrosomes. Also required for neurite growth. Localizes CYTH2 to vesicles to allow its transport along neurites, and subsequent ARF6 activation and neurite growth. |
| <b>Molecular Mass</b>   | 67.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                 |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                                                                                                              |

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**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** Ccdc120 coiled-coil domain containing 120 [ Mus musculus (house mouse) ]

**Official Symbol** Ccdc120

**Synonyms** Ccdc120; coiled-coil domain containing 120; Jm11; Sfc2; Sfc25; DXImx50; AA030924; DXImx50e; coiled-coil domain-containing protein 120

**Gene ID** 54648

**mRNA Refseq** NM\_207202

**Protein Refseq** NP\_997085

**UniProt ID** A2AEV7

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