

## Recombinant Mouse Commd9 Protein, Myc/DDK-tagged

**Cat. No.** Commd9-2254M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length COMM domain containing 9 (Commd9), with C-terminal MYC/DDK tag, expressed in HEK293T cells.                                                                                                                                        |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                               |
| <b>Description</b>      | May modulate activity of cullin-RING E3 ubiquitin ligase (CRL) complexes. May down-regulate activation of NF-kappa-B. Modulates Na <sup>+</sup> transport in epithelial cells by regulation of apical cell surface expression of amiloride-sensitive sodium channel (ENaC) subunits. |
| <b>Molecular Mass</b>   | 21.9 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                                                                                                                                                                                                                                     |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                |

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## GENE INFORMATION

|                 |                                                                                             |
|-----------------|---------------------------------------------------------------------------------------------|
| Gene Name       | Commd9 COMM domain containing 9 [ Mus musculus (house mouse) ]                              |
| Official Symbol | Commd9                                                                                      |
| Synonyms        | Commd9; COMM domain containing 9; AA409293; 1810029F08Rik; COMM domain-containing protein 9 |
| Gene ID         | 76501                                                                                       |
| mRNA Refseq     | NM_029635                                                                                   |
| Protein Refseq  | NP_083911                                                                                   |
| UniProt ID      | Q8K2Q0                                                                                      |

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