

## Recombinant Human CORIN Protein, MYC/DDK-tagged

Cat. No. CORIN-3308H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| <b>Product Overview</b> | Recombinant Human CORIN protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Description</b>      | This gene encodes a member of the type II transmembrane serine protease class of the trypsin superfamily. Members of this family are composed of multiple structurally distinct domains. The encoded protein converts pro-atrial natriuretic peptide to biologically active atrial natriuretic peptide, a cardiac hormone that regulates blood volume and pressure. This protein may also function as a pro-brain-type natriuretic peptide convertase. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. |
| <b>Form</b>             | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Molecular Mass</b>   | 116.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

### GENE INFORMATION

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|------------------------|------------------------------------------------|
| <b>Gene Name</b>       | CORIN corin, serine peptidase [ Homo sapiens ] |
| <b>Official Symbol</b> | CORIN                                          |
| <b>Synonyms</b>        | ATC2; CRN; Lrp4; PEE5; TMPRSS10                |
| <b>Gene ID</b>         | 10699                                          |
| <b>mRNA Refseq</b>     | NM_006587                                      |
| <b>Protein Refseq</b>  | NP_006578                                      |
| <b>MIM</b>             | 605236                                         |
| <b>UniProt ID</b>      | Q9Y5Q5                                         |

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