

# Recombinant Human CLDND1 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** CLDND1-4162H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | CLDND1 MS Standard C13 and N15-labeled recombinant protein (NP_063948) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                        |
| <b>Description</b>      | CLDND1 (Claudin Domain Containing 1) is a Protein Coding gene. Diseases associated with CLDND1 include Renal Cell Carcinoma, Nonpapillary and Breast Cancer.                                                                                                                                                  |
| <b>Molecular Mass</b>   | 28.6 kDa                                                                                                                                                                                                                                                                                                      |
| <b>AA Sequence</b>      | MDNRFATAFVIACVLSLISTIYMAASIGTDFWYEYRSPVQENSSDLNKSIVDEFISDEA<br>DEKTYNDALFRYNGTVGLWRRRCITIPKNMHWYSPPERTESFDVVTKCVSFTLTEQF<br>MEKFVDPGNHNSGIDLLRTYLWRCQFLLPFVSLGLMCFGALIGLCACICRSLYPTIAT<br>GILHLLAGLCTLGSVSCYVAGIELLHQKLELPDNVSGEFGWSFCLACVSAPLQFMAS<br>ALFIWAAHTNRKEYTLMKAYRVATRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                   |
| <b>Stability</b>        | Stable for 3 months from receipt of products under proper storage and handling conditions.                                                                                                                                                                                                                    |

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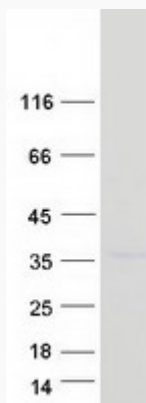
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|                         |                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>          | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                                                                                                                                                           |
| <b>Concentration</b>    | 50 µg/mL as determined by BCA                                                                                                                                                                                                         |
| <b>Storage Buffer</b>   | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                                                                                                                                                                                               |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                       |
| <b>Gene Name</b>        | CLDND1 claudin domain containing 1 [ Homo sapiens (human) ]                                                                                                                                                                           |
| <b>Official Symbol</b>  | CLDND1                                                                                                                                                                                                                                |
| <b>Synonyms</b>         | CLDND1; claudin domain containing 1; C3orf4, chromosome 3 open reading frame 4; claudin domain-containing protein 1; membrane protein GENX-3745; claudin domain containing 1 protein; C3orf4; GENX-3745; MGC3316; MGC9861; MGC111162; |
| <b>Gene ID</b>          | 56650                                                                                                                                                                                                                                 |
| <b>mRNA Refseq</b>      | NM_019895                                                                                                                                                                                                                             |
| <b>Protein Refseq</b>   | NP_063948                                                                                                                                                                                                                             |
| <b>UniProt ID</b>       | Q9NY35                                                                                                                                                                                                                                |

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**SDS-PAGE**

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