

## Recombinant Human OCLN Protein (Lys266-Thr522), His tagged

**Cat. No.** OCLN-3859H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant human OCLN (Lys266-Thr522) fused with His tag was expressed in E. coli.                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                       |
| <b>ProteinLength</b>    | Lys266-Thr522                                                                                                                                                                                |
| <b>Description</b>      | May play a role in the formation and regulation of the tight junction (TJ) paracellular permeability barrier. It is able to induce adhesion when expressed in cells lacking tight junctions. |
| <b>Form</b>             | Lyophilized powder/frozen liquid                                                                                                                                                             |
| <b>Molecular Mass</b>   | 31.57 kDa                                                                                                                                                                                    |
| <b>Purity</b>           | >90% as determined by SDS-PAGE.                                                                                                                                                              |
| <b>Notes</b>            | For research use only.                                                                                                                                                                       |
| <b>Storage</b>          | Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.      |

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|                       |                                                                                |
|-----------------------|--------------------------------------------------------------------------------|
| <b>Storage Buffer</b> | Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.      |
| <b>Reconstitution</b> | Reconstitute in sterile water for a stock solution.                            |
| <b>Shipping</b>       | They are shipped out with dry ice/blue ice unless customers require otherwise. |

## GENE INFORMATION

|                        |                                                                                                                                                       |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | OCLN occludin [ Homo sapiens (human) ]                                                                                                                |
| <b>Official Symbol</b> | OCLN                                                                                                                                                  |
| <b>Synonyms</b>        | OCLN; occludin; tight junction protein occludin TM4 minus; tight junction protein occludin; BLCPMG; FLJ08163; FLJ18079; FLJ77961; FLJ94056; MGC34277; |
| <b>Gene ID</b>         | 100506658                                                                                                                                             |
| <b>mRNA Refseq</b>     | NM_001205254                                                                                                                                          |
| <b>Protein Refseq</b>  | NP_001192183                                                                                                                                          |
| <b>MIM</b>             | 602876                                                                                                                                                |
| <b>UniProt ID</b>      | Q16625                                                                                                                                                |

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