

## Active Recombinant Human CLSTN2, His-tagged

Cat. No. CLSTN2-515H    Lot. No. (See product label)

### SPECIFICATION

|                             |                                                                                                                                                                                               |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Human CLSTN2 (Accession # CAC14924) Ser21-Thr834, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.                                        |
| <b>Species</b>              | Human                                                                                                                                                                                         |
| <b>Source</b>               | Mammalian Cells                                                                                                                                                                               |
| <b>ProteinLength</b>        | 21-834 a.a.                                                                                                                                                                                   |
| <b>Predicted N Terminal</b> | Ser21                                                                                                                                                                                         |
| <b>Form</b>                 | Lyophilized from a 0.2 µ filtered solution in PBS.                                                                                                                                            |
| <b>Bio-activity</b>         | Measured by the ability of the immobilized protein to support the adhesion of Neuro-2A mouse neuroblastoma cells. The ED50 for this effect is typically 0.7-2.8 µg/mL.                        |
| <b>Molecular Mass</b>       | Recombinant Human CLSTN2, His-tagged has a calculated MW of 92.2 kDa. In SDS-PAGE migrates as 110-120 kDa, reducing conditions.                                                               |
| <b>Purity</b>               | >95%, by SDS-PAGE under reducing conditions and visualized by silver stain.                                                                                                                   |
| <b>Storage</b>              | Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C). |

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## GENE INFORMATION

|                     |                                          |
|---------------------|------------------------------------------|
| Gene Name           | CLSTN2 calsyntenin 2 [ Homo sapiens ]    |
| Official Symbol     | CLSTN2                                   |
| Synonyms            | CS2; CSTN2; CDHR13; ALC-GAMMA; alcagamma |
| Gene ID             | 64084                                    |
| mRNA Refseq         | NM_022131.2                              |
| Protein Refseq      | NP_071414.2                              |
| MIM                 | 611323                                   |
| UniProt ID          | Q9H4D0                                   |
| Chromosome Location | 3q23                                     |

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