

## 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

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

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