

Active Recombinant Human CLSTN1, His-tagged

Cat. No. CLSTN1-324H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CLSTN1 (Accession # AAH33902) Arg30-Thr851, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	30-851 a.a.
Predicted N Terminal	Arg30
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	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 1-4 µg/mL. Optimal dilutions should be determined by each laboratory for each application.
Molecular Mass	Recombinant Human CLSTN1, His-tagged has a calculated MW of 92.8 kDa. In SDS-PAGE migrates as 110-120 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	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	CLSTN1 calsyntenin 1 [Homo sapiens]
Official Symbol	CLSTN1
Synonyms	CLSTN1; calsyntenin 1; calsyntenin-1; cadherin related family member 12; CDHR12; CSTN1; KIAA0911; alcadein-alpha; alcadein alpha 1; non-classical cadherin XB31alpha; cadherin-related family member 12; non-classical cadherin XB31alpha1; alzheimer-related cadherin-like protein; PIK3CD; ALC-ALPHA; XB31alpha; alcalpha1; alcalpha2; FLJ32258;
Gene ID	22883
mRNA Refseq	NM_001009566
Protein Refseq	NP_001009566
MIM	611321
UniProt ID	O94985
Chromosome Location	1p36.22

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