

Recombinant Human CLSTN1 Protein, His-tagged

Cat. No. CLSTN1-749H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CLSTN1 (NP_001009566.1) (Met1-Thr859) was expressed with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-859 a.a.
Predicted N Terminal	Ala 29
Form	Lyophilized from sterile PBS, pH 7.4, 5% ~ 8% trehalose and mannitol.
Molecular Mass	The recombinant human CLSTN1 consists 842 amino acids and predicts a molecular mass of 94.4 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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