

**Catalog No.: RP02832** **Recombinant**

Species	Gene ID	Swiss Prot
Human	22883	O94985

## C-His

CST-1; CSTN1; CDHR12; PIK3CD; ALC-  
ALPHA; XB31alpha; alcalpha1; alcalpha2

<b>Source</b>	<b>Purification</b>
HEK293 cells	≥ 95 % as determined by SDS-PAGE.

Calculated MW	Observed MW
94.4 kDa	116-120 kDa

< 1 EU/μg of the protein by LAL method.

Lyophilized from a 0.22  $\mu\text{m}$  filtered solution of PBS, pH 7.4.

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize freeze-thaw cycles.

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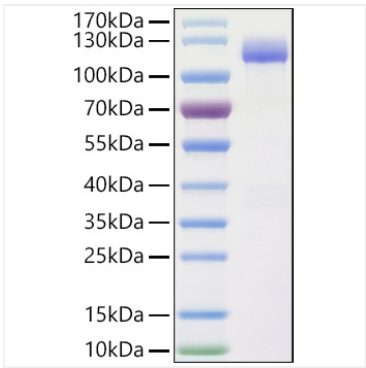
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Recombinant Human Calsyntenin-1/CLSTN1 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ala29-Thr859) of human Calsyntenin-1/CLSTN1 (Accession #NP\_001009566.1) fused with a 6xHis tag at the C-terminus.

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.  
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.  
Avoid repeated freeze/thaw cycles.

## Validation Data

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Recombinant Human Calsyntenin-1/CLSTN1  
Protein was determined by SDS-PAGE under  
reducing conditions with Coomassie Blue.