

## Recombinant Human CLSTN3 Protein, His&GST-tagged

Cat. No. CLSTN3-800H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CLSTN3 Protein (Met1-Arg227) with His&GST tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Arg227
<b>Description</b>	<p>Predicted to enable calcium ion binding activity. Predicted to be involved in positive regulation of synapse assembly and positive regulation of synaptic transmission. Predicted to act upstream of or within several processes, including chemical synaptic transmission; positive regulation of protein localization to synapse; and synapse assembly. Predicted to be located in postsynaptic density. Predicted to be part of protein-containing complex. Predicted to be active in several cellular components, including GABA-ergic synapse; glutamatergic synapse; and postsynaptic membrane. Predicted to be integral component of postsynaptic density membrane.</p>
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 55.4 kDa; Accurate Molecular Mass: 55 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in PBS or others.

## GENE INFORMATION

<b>Gene Name</b>	CLSTN3 calsyntenin 3 [ Homo sapiens (human) ]
<b>Official Symbol</b>	CLSTN3
<b>Synonyms</b>	CLSTN3; calsyntenin 3; calsyntenin-3; cadherin related family member 14; CDHR14; CSTN3; KIAA0726; alc-beta; alcadein beta; alcadein-beta; cadherin-related family member 14; alcbeta; MGC131797; MGC138488;
<b>Gene ID</b>	9746
<b>mRNA Refseq</b>	NM_014718
<b>Protein Refseq</b>	NP_055533
<b>MIM</b>	611324
<b>UniProt ID</b>	Q9BQT9

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA