

## Recombinant Human calyntenin 2 Protein, His tagged

Cat. No. CLSTN2-516H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CLSTN2 Protein (Ser21-Thr834, Val366Ile) with C His tag was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Ser21-Thr834 (Val366Ile)
<b>Description</b>	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 be located in postsynaptic density. Predicted to be active in cell surface; glutamatergic synapse; and postsynaptic membrane. Predicted to be integral component of postsynaptic density membrane.
<b>Tag</b>	C-His
<b>Molecular Mass</b>	92 kDa
<b>AA Sequence</b>	SGGGGDSRQRLLAAKVNKHKPWIETSYHGVITENNDTVILDPPPLVALDKDAPVPFA GEICAFKIHGQELPFEAVVLNKTSGEGRLRAKSPIDCELQKEYTFIIQAYDCGAGPHE TAWKKSHKAVVHIQVKDVNEFAPTFKEPAYKAVVTEGKIYDSILQVEAIDEDCSPQYS QICNVEIVTTDVPFAIDRNGNIRNTEKLSYDKQHQYEILVTAYDCGQKPAAQDTLVQV DVKPVCKPGWQDWTKRIEYQPGSGSMPLFPSIHLETCDGAVSSLQIVTELQTNYIGK GCDRETYSEKSLQKLCGASSGIIDLLPSPSAATNWTAGLLVDSSEMIFKFDGRQGAKI

 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

PDGIVPKNLTDQFTITMWMKHGSPSPGVRAEKETILCNSDKTEMNRHHYALYVHNCR  
 LVFLLRKDFDQADTFRPAEFHWKLDQICDKEWHYYVINVEFPVVTLYMDGATYEPYL  
 VTNDWPIHPSHIAMQLTVGACWQGGEVTKPQFAQFFHGLASLTIRPGKMESQKVI  
 SCLQACKEGLDINSLES LGQGIKYHFNPSSQ SILVMEGDDIGNINRALQKVSYINSRQF  
 PTAGVRRLLKVSSKVQCFGEDVCISIPEVDAYVMVLQAIEPRITLRGTDHFWRPAAQF  
 ESARGVTLFPDIKIVSTFAKTEAPGDVKTTDPKSEVLEEMLHNLD FCDILVIGGDL DPR  
 QECLELNHSELHQRHL DATNSTAGYSIYGVGSM SRYEQVLHHIRYRNWRPASLEAR  
 RFRIKCSELNGRYTSNEFNLEVSILHEDQVSDKEHVNHLIVQPPFLQSVHHPESRSSI  
 QHSSVVPSIATHHHHHHHH

<b>Endotoxin</b>	< 1 EU/μg by LAL.
<b>Purity</b>	> 90 % by SDS-PAGE
<b>Storage</b>	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	1.0 mg/mL by BCA
<b>Storage Buffer</b>	Sterile PBS, pH7.4.

## GENE INFORMATION

<b>Gene Name</b>	CLSTN2 calyntenin 2 [Homo sapiens (human)]
<b>Official Symbol</b>	CLSTN2
<b>Synonyms</b>	CS2; CSTN2; CDHR13; ALC-GAMMA; alcagamma
<b>Gene ID</b>	64084



mRNA Refseq	NM_022131
Protein Refseq	NP_071414
MIM	611323
UniProt ID	Q9H4D0

 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