

## Product datasheet for **TP320429L**

### CLSTN2 (NM\_022131) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human calyntenin 2 (CLSTN2), 1 mg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC220429 representing NM\_022131  
**Red**=Cloning site **Green**=Tags(s)

MLPGRLCWVPLLLALGVGSGSGGGDSRQRLLAAKVNKHKPWIETSYHGVITENNDTVILDPPPLVALDK  
DAPVPFAGEICAFKIHGQELPFEAVLNKTSGEGRLRAKSPIDCELQKEYTFIIQAYDCGAGPHETAWKK  
SHKAVVHIQVKDVNEFAPTFKEPAYKAVVTEGKIYDSILQVEAIDEDCSPQYSQICNYEIVTTDVPFAID  
RNGNIRNTEKLSYDKQHQYEILVTAYDCGQKPAAQDTLVQVDVKPVCKPGWQDWTKRIEYQPGSGSMPFLF  
PSIHLETCDGAVSSLQIVTELQTNIGKGC DRETYSEKSLQKLCGASSGIIDLLPSPAATNWTAGLLVD  
SSEMIFKFDGRQGAKVPDGIVPKNLTDQFTITMWMKHGSPGVRRAEKETILCNSDKTEMNRHHYALYVHN  
CRLVFLLRKDFDQADTFRPAEFHWKLDQICDKEWYHYVINVEFPVVTLYMDGATYEPYLVTDNWPIHPSH  
IAMQLTVGACWQGGEVTKPQFAQFFHGSLASLTIRPGKMESQKVISCLQACKEGLDINSLES LGQGIKYH  
FNPSQSILVMEGDDIGNINRALQKVSYINSRQFPTAGVRRLLKVSSKVQCFGEDVCISIPEVDAYVMVLQA  
IEPRITLRGTDHFWRPAAQFESARGVTLFPDIKIVSTFAKTEAPGDVKTTPDKSEVLEEMLHNLD FCDIL  
VIGGDLDP RQECLNHS ELHQRHL DATNSTAGYSIYGVGSM SRYEQVLH HIRYRNWRPASLEARRFR I K  
CELN GRYSNEFNLEVSILHEDQVSDKEHVNHLIVQPPFLQSVHHPESRSSIQHSSV VPSIATVVIIS  
VCMLVFVAMGVYRVRIAHQHFIQETEAAKESEMDWDD SALTITVNPMEKHGEPGHGEDETEGEEEEEEAE  
EEMSSSSGSDDSEEEEEEGMGRGRHGQNGARQAQLEWDDSTLPY

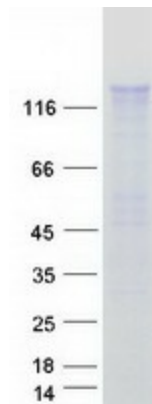
**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK  
**Predicted MW:** 106.8 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining  
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  
**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_071414</a>
<b>Locus ID:</b>	64084
<b>UniProt ID:</b>	<a href="#">Q9H4D0</a>
<b>RefSeq Size:</b>	4421
<b>Cytogenetics:</b>	3q23
<b>RefSeq ORF:</b>	2865
<b>Synonyms:</b>	ALC-GAMMA; alcagamma; CDHR13; CS2; CSTN2
<b>Summary:</b>	May modulate calcium-mediated postsynaptic signals.[UniProtKB/Swiss-Prot Function]
<b>Protein Families:</b>	Transmembrane

**Product images:**

Coomassie blue staining of purified CLSTN2 protein (Cat# [TP320429]). The protein was produced from HEK293T cells transfected with CLSTN2 cDNA clone (Cat# [RC220429]) using MegaTran 2.0 (Cat# [TT210002]).