

Product datasheet for TP320429

CLSTN2 (NM_022131) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human calyntenin 2 (CLSTN2), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC220429 representing NM_022131 Red=Cloning site Green=Tags(s)

MLPGRLCWVPLLLALGVGSGSGGGDSRQRLLAAKVNKHKPWIETSYHGVITENNDTVILDPPPLVALDK
DAPVPFAGEICAFKIHGQELPFEAVLNKTSGEGRLRAKSPIDCELQKEYTFIIQAYDCGAGPHETAWKK
SHKAVVHIQVKDVNEFAPTFKEPAYKAVVTEGKIYDSILQVEAIDEDCSPQYSQICNYEIVTTDVPFAID
RNGNIRNTEKLSYDKQHQYEILVTAYDCGQKPAAQDTLVQVDVKPVCKPGWQDWTKRIEQPGSGSMPFLF
PSIHLETCDGAVSSLQIVTELQTNIGKGC DRETYSEKSLQKLCGASSGIIDLLPSPAATNWTAGLLVD
SSEMIFKFDGRQGAKVPDGIVPKNLTDQFTITMWMKHGSPGVRRAEKETILCNSDKTEMNRHHYALYVHN
CRLVFLLRKDFDQADTFRPAEFHWKLDQICDKEWYHYVINVEFPVVTLYMDGATYEPYLVTDNWPIHPSH
IAMQLTVGACWQGGEVTKPQFAQFFHGSLASLTIRPGKMESQKVISCLQACKEGLDINSLESLGQGIKYH
FNPSQSILVMEGDDIGNINRALQKVSYINSRQFPTAGVRRLLKVSSKVQCFGEDVCISIPEVDAYVMVLQA
IEPRITLRGTDHFWRPAAQFESARGVTLFPDIKIVSTFAKTEAPGDVKTTPKSEVLEEMLHNLD FCDIL
VIGGDLDP RQECLELNHSELHQRHL DATNSTAGYSIYGVGMSRYEQVLH HIRYNWRPASLEARRFRIK
CELNTRYTSNEFNLEVSILHEDQVSDKEHVNHLIVQPPFLQSVHHPESRSSIQHSSVPSIATVVIIS
VCMLV FVAMGVYRVRIAHQHFIQETEAAKESEMDWDD SALTITVNPMEKHGEPGHGEDETEGEEEEEEAE
EEMSSSSGSDDSEEEEEEGMGRGRHGQNGARQAQLEWDDSTLPY

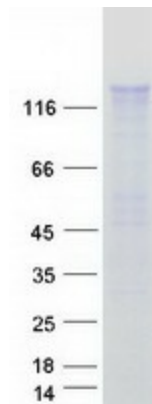
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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.



[View online »](#)

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