

Product datasheet for PH320429

CLSTN2 (NM_022131) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CLSTN2 MS Standard C13 and N15-labeled recombinant protein (NP_071414)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC220429
Predicted MW:	106.8 kDa
Protein Sequence:	>RC220429 representing NM_022131 Red=Cloning site Green=Tags(s)

MLPGRLCWVPLLLALGVGSGSGGGDSRQRLLAAKVNKHKPWIETSYHGVTENNDTVILDPLVALDK
DAPVPFAGEICAFKIHGQELPFEAVVLNKTSGEGLRAKSPIDCELQKEYTFIIQAYDCGAGPHETA
SHKAVVHIQVKDVFNEFAPTFKEPAYKAVVTEGKIYDSILQVEAIDEDCSPQYSQICNYEIVTTDVP
FAIDRNGNIRNTEKLSYDKQHQEILVTAYDCGQKPAQDQTLVQVDVKPVCKPGWQDWT
KRIEQPGSGSMPLFPSIHLETCDGAVSSLQIVTELQTNYIGKCDRETYSEKSLQKLCGASSG
IDLLPSPSAATNWTAGLLVD SSEMIFKFDGRQGAKVPDGI VPKNLT DQFTITMWMKHG
PSPGVRAEKETIL CNSDKTEMNRHHYALVYVNCRLVFLLRKDFDQADTFRPAEFHWKLDQ
ICDKEWHYVYINVEFPVVTLYMDGATYEPYLVNDWPIHPSHIAMQLTVGACWQGEVTKPQ
FAQFFHGLASLTI RPKGMSQKVISCLQACKEGLDINSLES LGQGIKYHFNPSQSILVM
EGDDIGNINRALQKVSYINSRQFP TAGVRRLLKVSSKVQC FGEDVCISIPEV DAYVMV
LQAI EPRITLRTGDFWRPAAQFESARGVTLFPDIKIVSTFAKTEAPGDVKTTPKSEVLE
EMLHNLDFCDILVIGGDLDPRQECLLNHSELHQRHLDATNSTAGYSIYGVGMSRYEQVLH
HIRYRNWRPASLEARRFRIKCSELNGRYTSNEFNLEVSILHEDQVSDKEHVNHLIVQPPFL
QSVHHPESRSSIQHSSVVP SIATVVIISVCMLVFVAMGVYRVRIAHQHF IQETEAAKE
SEMDWDDSALTITVNPMEKHEGPGHGEDETEGEEEEEAEEEMSSSSGSDS
EEEEEEGMGRGRHGQNGARQAQLEWDDSTLPY

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

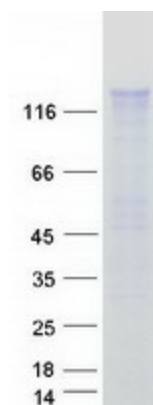
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.



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RefSeq:	NP_071414
RefSeq Size:	4421
RefSeq ORF:	2865
Synonyms:	ALC-GAMMA; alcagamma; CDHR13; CS2; CSTN2
Locus ID:	64084
UniProt ID:	Q9H4D0
Cytogenetics:	3q23
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]).