

Recombinant Human calsyntenin 2 Protein, His tagged

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

SPECIFICATION

Product Overview	Recombinant Human CLSTN2 Protein (Ser21-Thr834, Val366Ile) with C His tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ser21-Thr834 (Val366Ile)
Description	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.
Tag	C-His
Molecular Mass	92 kDa
AA Sequence	SGGGGDSRQRRLLAAKVNKHKPWIETSYHGVITENNDTVILDPLVALDKDAPVPFA GEICAFKIHGQELPFEAVVLNKTSGEGRRLAKSPIDCELQKEYTFIIQAYDCGAGPHE TAWKKSHKAVVHIQVKDVNEFAPTFKEPAYKAVVTEGKIYDSILQVEAIDEDCSPQYS QICNVEIVTTDVPFAIDRNGNIRNTEKLSYDKQHQQYEILVTAYDCGQKPAAQDTLVQV DVKPVCKPGWQDWTKRIEYQPGSGSMPLFPSIHLETCDGAVSSLQIVTELQTNYIGK GCDRETYSEKSLQKLCGASSGIIDLLPSPSAATNWTAGLLVDSSEMIFKFDGRQGAKI

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PDGIVPKNLTDQFTITMWMKHGSPSPGVRAEKETILCNSDKTEMNRHHYALYVHNCR
 LVFLLRKDFDQADTFRPAEFHWKLDQICDKEWHYYVINVEFPVVTLYMDGATYEPYL
 VTNDWPIHPSHIAMQLTVGACWQGGEVTKPQFAQFFHGSLASLTIRPGKMESQKVI
 SCLQACKEGLDINSLESLGQGIKYHFNPSQSILVMEGDDIGNINRALQKVSYINSRQF
 PTAGVRRLLKVSSKVQCFGEDVCISIPEVDAYVMVLQAIEPRITLRGTDHFWRPAAQF
 ESARGVTLFPDIKIVSTFAKTEAPGDVKTTDPKSEVLEEMLHNLD FCDILVIGGDLDPR
 QECLELNHSELHQRHLDATNSTAGYSIYGVGSMSTRYEQVLHHIRYRNWRPASLEAR
 RFRIKCSELNGRYTSNEFNLEVSILHEDQVSDKEHVNHLIVQPPFLQSVHHPESRSSI
 QHSSVVPSIATHHHHHHHHH

Endotoxin < 1 EU/μg by LAL.

Purity > 90 % by SDS-PAGE

Storage 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.

Concentration 1.0 mg/mL by BCA

Storage Buffer Sterile PBS, pH7.4.

GENE INFORMATION

Gene Name CLSTN2 calsyntenin 2 [Homo sapiens (human)]

Official Symbol CLSTN2

Synonyms CS2; CSTN2; CDHR13; ALC-GAMMA; alcagamma

Gene ID 64084

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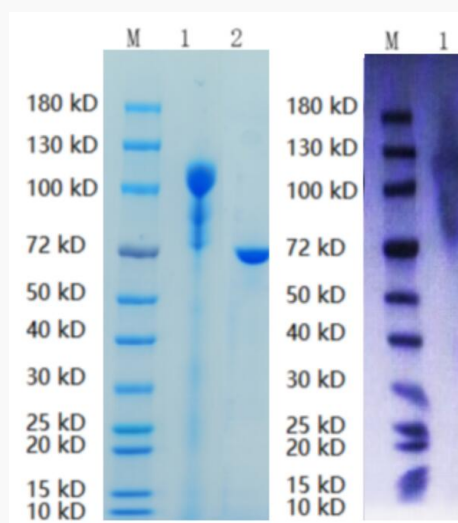
mRNA Refseq [NM_022131](#)

Protein Refseq [NP_071414](#)

MIM [611323](#)

UniProt ID [Q9H4D0](#)

Reducing 4 %-20 %
SDS-PAGE (CBB
stained) and WB
(Anti-His Mouse
Monoclonal
antibody) analysis
profiles of purified
CLSTN2.



1. CLSTN2

2. BSA

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