

Recombinant Human CLSTN1 Protein, MYC/DDK-tagged

Cat. No. CLSTN1-3262H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human CLSTN1 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.

Species Human

Source HEK293

Description This gene is a member of the calyntenin family, a subset of the cadherin superfamily. The encoded transmembrane protein, also known as alcadein-alpha, is thought to bind to kinesin-1 motors to mediate the axonal anterograde transport of certain types of vesicle. Amyloid precursor protein (APP) is trafficked via these vesicles and so this protein is being investigated to see how it might contribute to the mechanisms underlying Alzheimer's disease. Alternative splicing results in multiple transcript variants.

Form 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

Molecular Mass 109.6 kDa

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	CLSTN1 calsyntenin 1 [Homo sapiens]
Official Symbol	CLSTN1
Synonyms	ALC-ALPHA; alcalpha1; alcalpha2; CDHR12; CST-1; CSTN1; PIK3CD; XB31alpha
Gene ID	22883
mRNA Refseq	NM_001009566
Protein Refseq	NP_001009566
MIM	611321
UniProt ID	O94985

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