

# Product Information

## MemDX™ Membrane Protein Human CLSTN2 (Calsyntenin 2) for Antibody Discovery

Cat. No.: **MP0522J**

This product is for research use only and is not intended for diagnostic use.

This product is a 106.8 kDa Human CLSTN2 membrane protein expressed in HEK293T. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

### Product Specifications

#### Host Species

Human

#### Target Protein

CLSTN2

#### Protein Length

Full-length

#### Protein Class

Transmembrane

#### Molecular Weight

106.8 kDa

#### TMD

1

#### Sequence

MLPGRLCWVPLLLALGVGSGSGGGGDSRQRLLAAKVNKHKPWIETSYHGVITENNDTVILDPPPLVALDK  
DAPVPFAGEICAFKIHGQELPFEAVVLNKTSGEGRRLRAKSPIDCELQKEYTFIIQAYDCGAGPHETAWKK  
SHKAVVHIQVKDVNEFAPTFKEPAYKAVVTEGKIYDSILQVEAIDEDCSPQYSQICNYEIVTTDVPFAID  
RNGNIRNTEKLSYDKQHQYEILVTAYDCGQKPAAQDTLVQVDVKPVCKPGWQDWTKRIEYQPGSGSMPLF  
PSIHLETCDGAVSSLQIVTELQTNIGKGC DRETYSEKSLQKLCGASSGIIDLLPSPAATNWTAGLLVD  
SSEMIFKFDGRQGAKVPDGVKPNLTDQFTITMWMKHGSPGVRAEKETILCNSDKTEMNRHHYALYVHN  
CRLVFLLRKDFDQADTFRPAEFHWKLDQICDKWEHYVINVEFPVVTLYMDGATYEPYLVTDWPIHPHSH  
IAMQLTVGACWQGGEVTKPQFAQFFHGSLSL TIRPGKMESQKVISCLQACKEGLDINSLES LGQGIKYH  
FNPSQSILVMEGDDIGNINRALQKVSYINSRQFP TAGVRRLLKVSSKVQCFGEDVCISIPEVDAYVMVLQA  
IEPRITLRGTDHFWRPAAQFESARGVTLFPDIKIVSTFAKTEAPGDVKTTPKSEVLEEMLHNLDFCDIL  
VIGGDLDPQCECLELHSELHQRHLDATNSTAGYSIYGVGMSRYEQVLHHIRYNWRPASLEARRFRIK  
CSEMLNGRYTSNEFNLEVSILHEDQVSDKEHVNHLIVQPPFLQSVHHPESRSSIQHSSVPSIATVVIIS  
VCMLVFVAMGVYRVRIAHQHFIQETEA AKESEMDWDD SALTITVNPMEKHEGPGHGEDETEGEEEEAE  
EEMSSSSGSDDEEEEEEGMGRGRHGQNGARQAQLEWDDSTLPY

### Product Description

#### Expression Systems

HEK293T

**Tag**

C-Myc/DDK

**Form**

Liquid

**Purification**

Anti-DDK affinity column followed by conventional chromatography steps

**Purity**

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

**Buffer**

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

**Storage**

Store at +4°C for up to one week or several months at -80°C

**Target**

**Target Protein**

CLSTN2

**Full Name**

Calsyntenin 2

**Introduction**

May modulate calcium-mediated postsynaptic signals.

**Alternative Names**

CS2; CSTN2; CDHR13; ALC-GAMMA; alcagamma

**Gene ID**

[64084](#)

**UniProt ID**

[Q9H4D0](#)