

# Recombinant Full Length Human CLSTN2 Protein, GST-tagged

Cat. No. CLSTN2-1891HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human CLSTN2 full-length ORF ( AAI04486.1, 1 a.a. - 955 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	955 amino acids
<b>Description</b>	CLSTN2 (Calsyntenin 2) is a Protein Coding gene. Diseases associated with CLSTN2 include Keratinizing Squamous Cell Carcinoma and Connective Tissue Cancer. GO annotations related to this gene include calcium ion binding. An important paralog of this gene is CLSTN1.
<b>Molecular Mass</b>	133.4 kDa
<b>AA Sequence</b>	MLPGRLCWVPLLLALGVGSGSGGGGDSRQRLLAAKVNKHKPWIETSYHGVITENN DTVILDPPPLVALDKDAPVPFAGEICAFKIHGQELPFEAVVLNKTSGEGRLRAKSPIDCE LQKEYTFIIQAYDCGAGPHETAWKKSHKAVVHIQVKDVNEFAPTFKEPAYKAVVTEG KIYDSILQVEAIDEDCSPQYSQICNYEIVTTDVPFAIDRNGNIRNTEKLSYDKQHQYEIL VTAYDCGQKPAQAQDTLVQVDVKPVCKPGWQDWTKRIEYQPGSGSMPLFPSIHLET CDGAVSSLQIVTELQTNIGKGC DRETYSEKSLQKLCGASSGIIDLLPSPSAATNWT ALLVDSSEMIFKFDGRQGAKVPDGIVPKNLTDQFTITMWMKHGSPSPGVRAEKETILC NSDKTEMNRHHYALYVHNCRLVFLLRKDFDQADTFRPAEFHWKLDQICDKEWHYY VINVEFPVVTLYMDGATYEPYLVNTDWPPIHPHIAMQLTVGACWQGGEVTKPQFAQ

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FFHGSLASLTIRPGKMESQKVISCLQACKEGLDINSLES LGQGKIKYHFNPSQSILVME  
 GDDIGNINRALQKVSYINSRQFPTAGVRRLLKVSSKVQCFGEDVCISIPEVDAYVMVLQ  
 AIEPRITLRGTDHFWRPAAQFESARGVTLFPDIKIVSTFAKTEAPGDVKTTDPKSEVL  
 EEMLNLDLFCILVIGGDLDPQCECLELNHSELHQRHLDATNSTAGYSIYGVGSMR  
 YEQVLHHIRYRNWRPASLEARRFRIKCELNTRYTSNEFNLEVSILHEDQVSDKEHV  
 NHLIVQPPFLQSVHHPESRSSIQHSSVPSIATVVIISVCMLVFVAMGVYRVRIAHQ  
 HFIQETEAAKESEMDWDDSAITITVNPMEKHEGPGHGEDETEGEEEEEEAEEMSSS  
 SGSDDSEEEEEEEGMGRGRHGQNGARQAQLEWDDSTLPY

**Applications**

Enzyme-linked Immunoabsorbent Assay  
 Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

**Notes**

Best use within three months from the date of receipt of this protein.

**Storage**

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer**

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name**

CLSTN2 calsyntenin 2 [ Homo sapiens ]

**Official Symbol**

CLSTN2

**Synonyms**

CS2; CSTN2; CDHR13; ALC-GAMMA; alcagamma

**Gene ID**

64084

**mRNA Refseq**

NM\_022131.2

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**Protein Refseq** NP\_071414.2

**MIM** 611323

**UniProt ID** Q9H4D0

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