

Recombinant Human CLSTN2 Protein, GST-tagged

Cat. No. CLSTN2-1521H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CLSTN2 full-length ORF (AAI04486.1, 1 a.a. - 955 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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.
Molecular Mass	133.4 kDa
AA Sequence	MLPGRLCWVPLLLALGVGSGSGGGGDSRQRLLAAKVNKHKPWIETSYHGVITENN DTVILDPPLVALDKDAPVPFAGEICAFKIHGQELPFEAVVLNKTSGEGRRLRAKSPIDCE LQKEYTFIIQAYDCGAGPHETAWKKSHKAVVHIQVKDVNEFAPTFKEPAYKAVVTEG KIYDSILQVEAIDEDCSPQYSQICNYEIVTTDVPFAIDRNGNIRNTEKLSYDKQHQYEIL VTAYDCGQKPAAQDTLVQVDVKPVCKPGWQDWTKRIEYQPGSGSMPLFPSIHLET CDGAVSSLQIVTELQTNIGKGCIRETYSEKSLQKLCGASSGIIDLLPSPSAATNWT ALLVDSSEMIFKFDGRQGAKVPDGIVPKNLTDQFTITMWMKHGSPSPGVRAEKETILC NSDKTEMNRHHYALYVHNCRLVFLLRKDFDQADTFRPAEFHWKLDQICDKEWHYY VINVEFPVVTLYMDGATYEPYLVTDNWPIHPSHIAMQLTVGACWQGGGEVTKPQFAQ FFHGSLASLTIRPGKMESQKVISCLQACKEGLDINSLES LGQGIKYHFNPSQSILVME

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GDDIGNINRALQKVSYINSRQFPTAGVRRLKVSSKVQCFGEDVCISIPVDAYVMVLQ
 AIEPRITLRGTDHFWRPAAQFESARGVTLPDIKIVSTFAKTEAPGDVKTTDPKSEVL
 EEMLHNLD FCDILVIGGDLDP RQECLELNHSELHQRHLDATNSTAGYSIYGVGSMR
 YEQVLHHIRYRNWRPASLEARRFRIKCSELNGRYTSNEFNLEVSILHEDQVSDKEHV
 NHLIVQPPFLQSVHHPESSSIQHSSVPSIATVVIISVCMLVFVAMGVYRVRIAHQ
 HFIQETEA AKESEMDWDD SALTITVNPMEKHEGPGHGEDETEGEEEEEEAEEEMSSS
 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 calsynenin 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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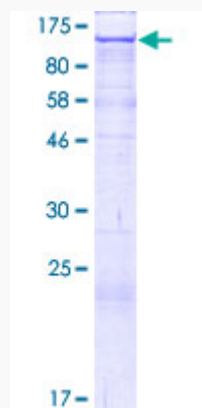
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Protein Refseq NP_071414.2

MIM 611323

UniProt ID Q9H4D0

**Quality Control
Testing:**



12.5% SDS-PAGE Stained with Coomassie Blue.

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