

Recombinant Human CLIP2, His-tagged

Cat. No. CLIP2-27020TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 746-1011 of Human CYLN2 with N terminal His tag, Predicted MWt 31 kDa.
Species	Human
Source	E.coli
ProteinLength	746-1011 a.a.
Description	The protein encoded by this gene belongs to the family of cytoplasmic linker proteins, which have been proposed to mediate the interaction between specific membranous organelles and microtubules. This protein was found to associate with both microtubules and an organelle called the dendritic lamellar body. This gene is hemizyously deleted in Williams syndrome, a multisystem developmental disorder caused by the deletion of contiguous genes at 7q11.23. Alternative splicing of this gene generates 2 transcript variants.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 56 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids

ESLREKLLVAENRLQAVEALCSSQHMHIESNDISEETIR TKETVEGLQDKLNKRDK
 EVTALTSQTEMLRAQVSALES KCKSGEKKVDALLKEKRRLEAELETVSRKTHDASG
 QLV LISQELLRKERSLNLRLVLLLEANRHSPGPERDLSREV HKAEWRIKEQKLKDDI
 RGLREKLTGLDKEKSLSDQRRYSLIDPSSAPELLRLQHQLMSTEDALRDALDQAQQ
 VEKLME AMRSCPDKAQTIGNSGSANGIHQQDKAQKQEDKH

Sequence Similarities

Contains 2 CAP-Gly domains.

GENE INFORMATION

Gene Name [CLIP2 CAP-GLY domain containing linker protein 2 \[Homo sapiens \]](#)

Official Symbol [CLIP2](#)

Synonyms CLIP2; CAP-GLY domain containing linker protein 2; CYLN2, cytoplasmic linker 2 , WBSR3, WBSR4, Williams Beuren syndrome chromosome region 3; CAP-Gly domain-containing linker protein 2; CLIP; CLIP 115; KIAA0291; WSCR3; WSCR4;

Gene ID [7461](#)

mRNA Refseq [NM_032421](#)

Protein Refseq [NP_115797](#)

MIM [603432](#)

Uniprot ID [Q9UDT6](#)

Chromosome Location 7q11.23

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Function

microtubule plus-end binding;

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