

Recombinant Human CLIP2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CLIP2-6729H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CLIP2 MS Standard C13 and N15-labeled recombinant protein (NP_003379) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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 hemizygotously 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.
Molecular Mass	115.6 kDa
AA Sequence	<p>MQKPSGLKPPGRGGKHSSPMGRTSTGSASSSAAVAASSKEGSPLHKQSSGPSSSP</p> <p>AAAAAPEKPGPKAAEVGDDFLGDFVVGERVWVNGVKPGVVQYLGETQFAPGQWA</p> <p>GVVLDDPVGKNDGAVGGVRYFECPALQGIFTRPSKLTRQPTAEGSGSDAHSVESLT</p> <p>AQNLSLHSGTATPPLTSRVIPLRESVLNSSVKTGNESGSNLSDSGSVKRGEKDLRLG</p> <p>DRVLVGGTKTGVVRYVGETDFAKGEWCGVELDEPLGKNDGAVAGTRYFQCPPKFG</p> <p>LFAPIHKVIRIGFPSTSPAKAKKTKRMAMGVSALTHSPSSSSISSVSSVASSVGGGRPS</p>

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RSGLLTETSSRYARKISGTTALQEALKEKQQHIEQLLAERDLERAEVAKATSHICEVE
 KEIALLKAQHEQYVAEAEKQLQRARLLVESVRKEKVDLSNQLEEERRKVEDLQFRVE
 EESITKGDLETQTQLEHARIGELEQSLLLEKAQAERLLRELADNRLTTVAEKSRVLQL
 EEELTLRRGEIEELQQCLLHSGPPPPDHPDAAEILRLRERLLSASKEHQRESGVLRD
 KYEKALKAYQAEVDKLRAANEKYAQEVAGLKDKVQQATSENMGMLMDNWKSKLDSL
 ASDHQKSLEDLKATLNSGPGAQQKEIGELKAVMEGIKMEHQLELGNLQAKHDLETA
 MHVKEKEALREKLQEAQEELAGLQRHWRAQLEVQASQHRLELQEAQDQRRDAELR
 VHELEKLDVEYRGQAQAEFLKEQISLAEKKMLDYERLQRAEAQGGKQEVESLREKLL
 VAENRLQAVEALCSSQHTHMIESNDISEETIRTKETVEGLQDKLNKRDKEVTALTSQT
 EMLRAQVSALESKCKSGEKKVDALLKEKRRLEAELETVSRKTHDASGQLVLISQELL
 RKERSLNELRVLLLEANRHSPGPERDLSREVHKAEWRIKEQKLKDDIRGLREKLTGL
 DKEKSLSDQRRYSLIDPSSAPPELLRLQHQLMSTEDALRDALDQAQQVEKLMEAMRS
 CPDKAQTIGNSGSANGIHQQDKAQKQEDKHTRTRPLEQKLISEEDLAANDILDYKDD
 DDKV

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

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

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

Official Symbol CLIP2

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Synonyms

CLIP2; CAP-GLY domain containing linker protein 2; CYLN2, cytoplasmic linker 2, WBSCR3, WBSCR4, Williams Beuren syndrome chromosome region 3; CAP-Gly domain-containing linker protein 2; CLIP; CLIP 115; KIAA0291; WSCR3; WSCR4; cytoplasmic linker 2; cytoplasmic linker protein 2; cytoplasmic linker protein 115; Williams-Beuren syndrome chromosome region 3; Williams-Beuren syndrome chromosome region 4; williams-Beuren syndrome chromosomal region 3 protein; williams-Beuren syndrome chromosomal region 4 protein; CYLN2; WBSCR3; WBSCR4; CLIP-115; MGC11333;

Gene ID

7461

mRNA Refseq

NM_003388

Protein Refseq

NP_003379

MIM

603432

UniProt ID

Q9UDT6

SDS-PAGE
