

Recombinant Human CLIP2 Protein, GST-tagged

Cat. No. CLIP2-1486H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CLIP2 full-length ORF (AAI48703.1, 1 a.a. - 1046 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Jul 2008]
Molecular Mass	142.01 kDa
AA Sequence	MQKPSGLKPPGRGGKHSSPMGRTSTGSASSSAAVAASSKEGSPLHKQSSGPSSSP AAAAAPEKPGPKAAEVGDDFLGDFVVGERVWVNGVKPGVVQYLGETQFAPGQWA GVVLDDPVGKNDGAVGGVRYFECPALQGIFTRPSKLTRQPTAEGSGSDAHSVESLT AQNLSLHSGTATPPLTSRVIPLRESVLNSSVKTGNESGSNLSDSGSVKRGEKDLRLG DRVLVGGTKTGVVRYVGETDFAKGEWCGVELDEPLGKNDGAVAGTRYFQCPPKFG LFAPIHKVIRIGFPSTSPAKAKKTKRMAMGVSAETHSPSSSSISSVSVASSVGGRRPS RSGLLTETSSRYARKISGTTALQEALKEKQQHIEQLLAERDLERAEVAKATSHICEVE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

KEIALLKAQHEQYVAEAEKQLQRARLLVESVRKEKVDLSNQLEEERRKVEDLQFRVE
 EESITKGDLETQTQLEHARIGELEQSLLEKAQAERLLRELADNRLTTVAEKSRLVLQ
 EEELTLRRGEIEELQQCLLHSGPPPPDHPDAAEILRLRERLLSASKEHQRESGVLRD
 KYEKALKAYQAEVDKLRAANEKYAQEVAGLKDKVQQATSENMGMLMDNWKSKLDSL
 ASDHQKSLEDLKATLNSGPGAQQKEIGELKAVMEGIKMEHQLELGNLQAKHDLETA
 MHVKEKEALREKLQEAQEELAGLQRHWRAQLEVQASQHRLELQEAQDQRRDAELR
 VHELEKLDVEYRGQAQAEFLKEQISLAEKKMLDYERLQRAEAQGKQEVESLREKLL
 VAENRLQAVEALCSSQHTHMIESNDISEETIRTKETVEGLQDKLNKRDKEVTALTSQT
 EMLRAQVSALESKCKSGEKKVDALLKEKRRLEAELETVSRKTHDASGQLVLISQELL
 RKERSLNELRVLLLEANRHSPGPERDLSREVHKAEWRIKEQKLKDDIRGLREKLTGL
 DKEKSLSDQRRYSLIDPSSAPELLRLQHQLMSTEDALRDALDQAQQVEKLMEAMRS
 CPDKAQTIGNSGSANGIHQQDKAQKQEDKH

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

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 ,

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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

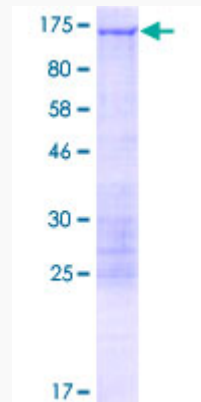
mRNA Refseq NM_003388

Protein Refseq NP_003379

MIM 603432

UniProt ID Q9UDT6

**Quality Control
Testing:**



12.5% SDS-PAGE Stained with Coomassie Blue.

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