

Recombinant Full Length Human CLIP2 Protein, GST-tagged

Cat. No. CLIP2-2201HF **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	In Vitro Cell Free System
ProteinLength	1046 amino acids
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. [provided by RefSeq, Jul 2008]
Molecular Mass	142.01 kDa
AA Sequence	MQKPSGLKPPGRGGKHSSPMGRTSTGSASSSAAVAASSKEGSPLHKQSSGPSSSP AAAAAPEKPGPKAAEVGDDFLGDFVVGERVWVNGVKPGVVQYLGETQFAPGQWA GVVLDDPVGKNDGAVGGVRYFECPALQGIFTRPSKLTRQPTAEGSGSDAHSVESLT AQNLSLHSGTATPPLTSRVIPLRESVLNSSVKTGNEGSNLSDSGSKRGEKDLRLG DRVLVGGTKTGVVRYVGETDFAKGEWCGVELDEPLGKNDGAVAGTRYFQCPPKFG LFAPIHKVIRIGFPSTSPAKAKKTKRMAMGVSALTHSPSSSSISSVSSVASSVGGRRPS

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RSGLLTETSSRYARKISGTTALQEALKEKQQHIEQLLAERDLERA EVAKATSHICEVE
 KEIALLKAQHEQYVAEAEKLQRRARLLVESVRKEKVDLSNQLEEEERRKVEDLQFRVE
 EESITKGDLETQTQLEHARIGELEQSLLLEKAQAERLLRELADNRLTTVAEKSRVLQL
 EEELTLRRGEIEELQQCLLHSGPPPPDHPDAAEILRLRERLLSASKEHQRESGVLRD
 KYEKALKAYQAEVDKLRAANEKYAQEVAGLKDKVQQATSENMGMLMDNWKSKLDSL
 ASDHQKSLEDLKLATLNSGPGAQQKEIGELKAVMEGIKMEHQLELGNLQAKHDLETA
 MHVKEKEALREKLQEAQEELAGLQRHWRAQLEVQASQHRLELQEAQDQRRDAELR
 VHELEKLDVEYRGQAQAIEFLKEQISLAEKKMLDYERLQRAEAQGKQEVESLREKLL
 VAENRLQAVEALCSSQHTHMIESNDISEETIRTKETVEGLQDKLNKRDKEVTALTSQT
 EMLRAQVSALESCKCKSGEKKVDALLKEKRRLEAELETVSRKTHDASGQLVLISQELL
 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 , 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