

Product datasheet for TP324491

CYLN2 (CLIP2) (NM_003388) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens CAP-GLY domain containing linker protein 2 (CLIP2), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC224491 representing NM_003388
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MQKPSGLKPPGRGGKHSSPMGRTSTGSASSSAVAASSKEGSPLHKQSSGPSSSPAAAAAPEKPGPKAAE
VGDDFLGDFVWGERVWVNGVKPGVWQYLGETQFAPGQWAGVVLDDPVGKNDGAVGGVRYFECPALQGIFT
RPSKLRQPTAEGSGSDAHSVESLTAQNLSLHSGTATPPLTSRVIPLRESVLNSSVKTGNESGNSLSDSG
SVKRGEKDLRLGDRVLVGGTKTGVRVYGETDFAKGEWCGVELDEPLGKNDGAVAGTRYFQCPPKFGFLFA
PIHKVIRIGFPSTSPAKAKKTKRMAMGVSALHSPSSSISVSSVASSVGGRRPSRSGLLTETSSRYARK
ISGTTALQEALKEKQQHIEQLLAERDLERAEVAKATSHICEVEKEIALKQAHEQYVAEAEKLRARLL
VESVRKEKVDLSNQLLEEERRKVEDLQFRVEEESITKGDLETQTQLEHARIGELEQSLLEKAQAERLLRE
LADNRLTTVAEKSRVLQLEELTLRRGEIEELQQCLLHSGPPPPDHPDAAEILRLRERLLSASKEHQRES
GVLRDKEYEKALKAYQAEVDKLRANKEYAQEVAGLKDKVQQATSENMGLMDNWKSLDLSADHQSLED
LKATLNSGPGAQQKEIGELKAVMEGIKMEHQLELGNLQAKHDLETAMHVKEKEALREKLQEAQEELAGLQ
RHWRAQLEVQASQHRLELQEAQDQRRDAELRVHELEKLDVEYRGQAQAIFFLKEQISLAEKMLDYERLQ
RAEAQGKQEVESLREKLLVAENRLQAVEALCSSQHTHMIESNDISEETIRTKETVEGLQDKLNKRDKVEVT
ALTSQTEMLRAQVSALESKCKSGEKKVDALLKEKRRLEAELETVSRKTHDASGQLVLISQELLRKERSLN
ELRVLLLEANRHSPGPERDLSREVHKAEWRIKEQKLKDDIRGLREKLTGLDKEKSLSDQRRYSLIDPSSA
PELLRLQHQLMSTEDALRDALDQAQVQVEKLMEAMRSCPDKAQTIGNSGSANGIHQQDKAQKQEDKH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

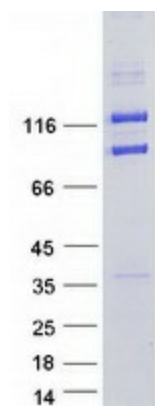
Tag:	C-Myc/DDK
Predicted MW:	115.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_003379</u>
Locus ID:	7461
UniProt ID:	<u>Q9UDT6</u> , <u>A0A140VIG6</u>
RefSeq Size:	5563
Cytogenetics:	7q11.23
RefSeq ORF:	3138
Synonyms:	CLIP; CLIP-115; CYLN2; WBSCR3; WBSCR4; WSCR3; WSCR4
Summary:	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]

Product images:



Coomassie blue staining of purified CLIP2 protein (Cat# TP324491). The protein was produced from HEK293T cells transfected with CLIP2 cDNA clone (Cat# [RC224491]) using MegaTran 2.0 (Cat# [TT210002]).