

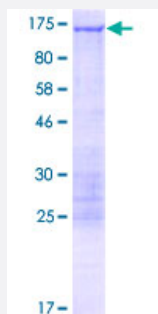
Full-Length

CLIP2 (Human) Recombinant Protein (P01)

Catalog # H00007461-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CLIP2 full-length ORF (AA48703.1, 1 a.a. - 1046 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MQKPSGLKPPGRGGKHSSPMGRTSTGSASSSAAVAASSKEGSPLHKQSSGPSSSPAAAAAPE
KPGPKAAEVGDDFLGDFVVGGERVWNGVKPGVVQYLGETQFAPGQWAGVVLDDPVGKNDGA
VGGVRYFECPALQGIFTRPSKLTRQPTAEGSGSDAHSVESLTAQNLSLHSGTATPPLTSRVIPLRE
SVLNSSVKTGNESGSNLSDSGSVKRGEKDLRLGDRVLVGGTKTGVRVYVGETDFAKGEWCGVE
LDEPLGKNDGAVAGTRYFQCPPKFGLFAPIHKVIRIGFPSTSPAKAKKTKRMAMGVSAETHSPSS
SSISSVSSVASSVGGPRPSRGLLTETSSRYARKISGTTALQEALKEKQQHIEQLLAERDLERA EVA
KATSHICEVEKEIALKQHEQYVAEAEELQRRARLLVESVRKEKVDLSNQLEEEERRKVEDLQFR
VEEESITKGDLETQTQLEHARIGELEQSLLEKAQAERLLRELADNRLTTVAEKSRVLQLEEEELTLR
RGEIEELQQCLLHSGPPPPDHPDAAEILRLRERLLSASKEHQRESGVLRDKYEKALKAYQAEVDK
LRAANEKYAQEVAGLKDKVQQATSENMGMLMDNWKSKLDSLADHQSLEDLKATLNSGPGAQ
QKEIGELKAVMEGIKMEHQLELGNLQAKHDLETAMHVKEKEALREKLQEAQEELAGLQRHWRAQ
LEVQASQHRLELQEAQDQRRDAELRVHELEKLDVEYRGQAQAEFLKEQISLAEEKMLDYERLQR
AEAQKGQEVESLREKLLVAENRLQAVEALCQQHMHIESNDISEETIRTKETVEGLQDKLNKRD
KEVTALTSQTEMLRAQVSALESKCKSGEKKVDALLKEKRRLEAELETVSRKTHDASGQLVLISQE
LLRKERSLNELRVLLLEANRHSPGPERDLSRELVHKAEWRIKEQKLKDDIRGLREKLTGLDKEKSL
SDQRRYSLIDPSSAPELLRLQHQLMSTEDALRDALDQAQQVEKLMEAMRSCPDKAQTIGNSGSA
NGIHQQDKAQKQEDKH

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

142.01

Interspecies Antigen Sequence	Mouse (91)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CLIP2

Entrez GeneID	7461
GeneBank Accession#	BC148702
Protein Accession#	AA48703.1
Gene Name	CLIP2
Gene Alias	CLIP, CLIP-115, CYLN2, KIAA0291, MGC11333, WBSCR3, WBSCR4, WSCR3, WSCR4
Gene Description	CAP-GLY domain containing linker protein 2
Omim ID	603432
Gene Ontology	Hyperlink

Gene 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]

Other Designations

OTTHUMP00000160724|Williams-Beuren syndrome chromosome region 3|Williams-Beuren syndrome chromosome region 4|cytoplasmic linker 2

Disease

- [Tobacco Use Disorder](#)