

Datasheet for ABIN7565256
CLIP2 Protein (AA 1-1047) (His tag)



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Overview

Quantity:	1 mg
Target:	CLIP2
Protein Characteristics:	AA 1-1047
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CLIP2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Clip2 Protein expressed in mammalian cells.
Sequence:	<p>MQKPSGLKPP GRGGKHSSPV GRPSVGSASS SVVASTSGSK EGSPLHKQAS GPSSSGAATT VSEKPGPKAA EVGDDFLGDF VVGERVWVNG VKPGVVQYLG ETQFAPGQWA GVLDDPVGK NDGAVGGVRY FECPALQGIF TRPSKLTRQP TAEGSGSDTH SVESLTAQNL SLHSGTATPP LTGRVIPLRE SVLNSSVKTG NESGSNLSDS GSVKRGDKDL HLGDRVLVGG TKTGVVRYVG ETDFAKGEWC GVELDEPLGK NDGAVAGTRY FQCPPKFGLF APIHKVIRIG FPSTSPAKAK KTKRMAMGVS ALTHSPSSSS ISSVSSVASS VGGRPSRSL LTETSSRYAR KISGTTALQE ALKEKQQHIE QLLAERDLER AEVAKATSHI CEVEKEIALL KAQHEQYVAE AEEKLQRARL LVENVRKEKV DLSNQLLEER RKVEDLQFRV EESITKGDL ETQTQLEHAR IGELEQSLLL EKAQAERLLR ELADNRLTTV AEKSRVLQLE EELSLRRGEI EELQHCLLQS GPPPADHPEA AETLRLRERL LSASKEHQRD STLLQDKYEH MLKTYQTEVD KLRAANEKYA QEVADLKAKV QQATTENMGL MDNWKSKLDS LASDHQKSLE DLKATLNSGP GAQQKEIGEL KALVEGIKME HQLELGNLQA KHDLETAMHG KEKEGLRQKL QEVQEELAGL QQHWREQLLE QASQHRLELQ</p>

Product Details

EAQDQCRDAQ LRAQELEGLD VEYRGQAQAI EFLKEQISLA EKKMLDYEML QRAEAQSRQE
AERLREKLLV AENRLQAAES LCSAQHSHVI ESSDLSEETI RMKETVEGLQ DKLNRDKEV
TALTSQMDML RAQVSALENK CKSGEKKIDS LLKEKRRLEA ELEAVSRKTH DASGQLVHIS
QELLRKERSL NELRVLLLEA NRHSPGPERD LSREVHKAEW RIKEQKLKDD IRGLREKLTG
LDKEKSLSEQ RRYSLIDPAS PPELLKLQHQ LVSTEDALRD ALNQAQQVER LVEALRGCS
RTQTISNSGS ANGIHQPDKA HKQEDKH **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: CLIP2

Alternative Name: Clip2 ([CLIP2 Products](#))

Background: CAP-Gly domain-containing linker protein 2 (Cytoplasmic linker protein 115) (CLIP-115) (Cytoplasmic linker protein 2),FUNCTION: Seems to link microtubules to dendritic lamellar body (DLB), a membranous organelle predominantly present in bulbous dendritic appendages of

Target Details

neurons linked by dendrodendritic gap junctions. May operate in the control of brain-specific organelle translocations (By similarity). {ECO:0000250}.

Molecular Weight: 115.9 kDa

UniProt: [Q9Z0H8](#)

Pathways: [Microtubule Dynamics](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months