Datasheet for ABIN3121506
CNN2 Protein (AA 2-305) (His tag)


## Overview

| Quantity: | 1 mg |
| :--- | :--- |
| Target: | CNN2 |
| Protein Characteristics: | AA 2-305 |
| Origin: | Mouse |
| Source: | Insect Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This CNN2 protein is labelled with His tag. |
| Application: | Western Blotting (WB), SDS-PAGE (SDS), ELISA, Crystallization (Crys) |

Product Details

Sequence:
SSTQFNKGPS YGLSAEVKNR LLSKYDPQKE AELRSWIEGL TGLSIGPDFQ KGLKDGVILC TLMNKLQPGS VPKINRSMQN WHQLENLSNF IKAMVSYGMN PVDLFEANDL FESGNMTQVQ VSLLALAGKA KTKGLQSGVD IGVKYSEKQE RNFDDATMKA GQCVIGLQMG TNKCASQSGM TAYGTRRHLY DPKNHILPPM DHCTISLQMG TNKCASQVGM TAPGTRRHIY DTKLGTDKCD NSSMSLQMGY TQGANQSGQV FGLGRQIYDP KYCPQGSAAD GAPAGDGQGE APEYLAYCQE EAGY

Sequence without tag. Tag location is at the discretion of the manufacturer. If you have a special request, please contact us.

Characteristics:

- Made in Germany - from design to production - by highly experienced protein experts.
- Mouse Cnn2 Protein (raised in Insect Cells) purified by multi-step, protein-specific process to ensure crystallization grade.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).



## Target Details

|  | muscle contraction. It is capable of binding to actin, calmodulin, troponin C and tropomyosin. <br> The interaction of calponin with actin inhibits the actomyosin Mg-ATPase activity. |
| :---: | :---: |
| Molecular Weight: | 34.0 kDa Including tag. |
| UniProt: | Q08093 |
| Application Details |  |
| Application Notes: | In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a gurantee though. |
| Comment: | Protein has not been tested for activity yet. In cases in which it is highly likely that the recombinant protein with the default tag will be insoluble our protein lab may suggest a higher molecular weight tag (e.g. GST-tag) instead to increase solubility. We will discuss all possible options with you in detail to assure that you receive your protein of interest. |
| Restrictions: | For Research Use only |
| Handling |  |
| Format: | Liquid |
| Buffer: | $100 \mathrm{mM} \mathrm{NaCL}, 20 \mathrm{mM}$ Hepes, $10 \%$ glycerol. pH value is at the discretion of the manufacturer. |
| Handling Advice: | Avoid repeated freeze-thaw cycles. |
| Storage: | $-80^{\circ} \mathrm{C}$ |
| Storage Comment: | Store at $-80^{\circ} \mathrm{C}$. |
| Expiry Date: | Unlimited (if stored properly) |

