

Product datasheet for **TP312208M**

CNN2 (NM_201277) Human Recombinant Protein

Product data:

| | |
|-----------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Homo sapiens calponin 2 (CNN2), transcript variant 2, 100 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA | >RC212208 representing NM_201277 |
| Clone or AA Sequence: | Red=Cloning site Green=Tags(s) |

MSSTQFNKGPSYGLSAEVKNRLLSKYDPQKEAELRTWIEGLTGLSIGPDFQKGLKDGTLCTLMNKLQPG
SVPKINRSMQNWHQLENLSNFIKAMVSYGMNPVDLFEANDLFESGNMTQVQVSLLAGKMGTNKCASQS
GMTAYGTRRHLYDPKNHILPPMDHSTISLQMGTNKCASQVGMTAPGTRRHLYDTKLGTDKCDNSSMSLQM
GYTQGANQSGQVFGLGRQIYDPKYCPQGTVADGAPSGTGDCPDPGEVPEYPPYYQEEAGY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

| | |
|----------------|--|
| Tag: | C-Myc/DDK |
| Predicted MW: | 29.3 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 |
| 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: | NP_958434 |
| Locus ID: | 1265 |
| UniProt ID: | Q99439 |



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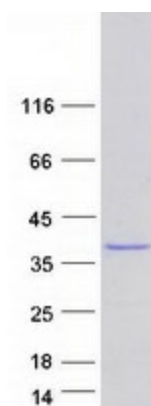
RefSeq Size: 2361

Cytogenetics: 19p13.3

RefSeq ORF: 810

Summary: The protein encoded by this gene, which can bind actin, calmodulin, troponin C, and tropomyosin, may function in the structural organization of actin filaments. The encoded protein could play a role in smooth muscle contraction and cell adhesion. Several pseudogenes of this gene have been identified, and are present on chromosomes 1, 2, 3, 6, 9, 11, 13, 15, 16, 21 and 22. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jan 2015]

Product images:



Coomassie blue staining of purified CNN2 protein (Cat# [TP312208]). The protein was produced from HEK293T cells transfected with CNN2 cDNA clone (Cat# [RC212208]) using MegaTran 2.0 (Cat# [TT210002]).