

Product datasheet for **TP322163**

CHN 1 (CHN1) (NM_001822) Human Recombinant Protein

Product data:

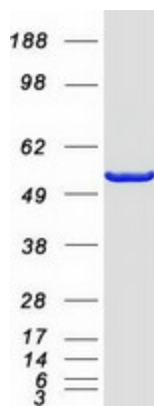
| | |
|-----------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human chimerin (chimaerin) 1 (CHN1), transcript variant 1, 20 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA | >RC222163 representing NM_001822 |
| Clone or AA Sequence: | Red=Cloning site Green=Tags(s) |
| | <p>MALTLFDTDEYRPPVWKSYLEQLQEQEAPHPRRITCTCEVENRPKYYGREFHGMISREAADQLLIVAEGSY LIREQRQPGTYTLALRFGSQTRNFRLLYYDGKHFVGEKRFESIHDLVTDGLITLYIETKAAEYIAKMTIN PIYEHVGYTTLNREPAYKKHMPVLKETHDERDSTGQDGVSEKRLTSLVRRATLKENEQIPKYEKIHNFKV HTFRGPHWCEYCANFMWGLIAQGVKCADCGLNVHKQCSKMVPNDCKPDLKHVKVYSCDLTTLVKAHTTK RPMWVDMCIREIESRGLNSEGLYRVSGFSDLIEDVKMAFDRDGEKADISVNMEDINIITGALKLYFRDL PIPLITYDAYPKFIESAKIMDPDEQLETLHEALKLLPPAHCETLRYLMAHLKRVTLHEKENLMNAENLGI VFGPTLMRSPELDAMAALNDIRYQRLVVELLIKNEIDILF</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Tag: | C-Myc/DDK |
| Predicted MW: | 53 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: | <u>NP_001813</u> |



[View online »](#)

| | |
|---------------|---|
| Locus ID: | 1123 |
| UniProt ID: | P15882 |
| RefSeq Size: | 2607 |
| Cytogenetics: | 2q31.1 |
| RefSeq ORF: | 1377 |
| Synonyms: | ARHGAP2; CHN; DURS2; NC; RHOGAP2 |
| Summary: | This gene encodes GTPase-activating protein for ras-related p21-rac and a phorbol ester receptor. It is predominantly expressed in neurons, and plays an important role in neuronal signal-transduction mechanisms. Mutations in this gene are associated with Duane's retraction syndrome 2 (DURS2). Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Apr 2011] |

Product images:



Coomassie blue staining of purified CHN1 protein (Cat# TP322163). The protein was produced from HEK293T cells transfected with CHN1 cDNA clone (Cat# [RC222163]) using MegaTran 2.0 (Cat# [TT210002]).