

Product datasheet for PH302095

CHN 1 (CHN1) (NM_001025201) Human Mass Spec Standard

Product data:

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|---------------------------------------|---|
| Product Type: | Mass Spec Standards |
| Description: | CHN1 MS Standard C13 and N15-labeled recombinant protein (NP_001020372) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC202095 |
| Predicted MW: | 53.2 kDa |
| Protein Sequence: | >RC202095 protein sequence Red =Cloning site Green =Tags(s) MALTLFDTDEYRPPVWKSYLEYQLQQEAPHRRITCTCEVENRPKYYGREFHGMISREAADQLLIVAEGSY L IRESQRQPGTYTLALRFGSQTRNFRLLYYDGKHFVGEKRFESIHDLVTDGLITLYIETKAAEYIAKMTIN PIYEHVGYTTLNREPAYKKHMPVLKETHDERDSTGQDGVSEKRLTSLVRRATLKENEQIPKYEKIHNFKV HTFRGPHWCEYCANFMWGLIAQGVKCADCGLNVHKQCSKMPNDCKPDLKHVKKVYSCDLTTLVKAHTTK RPMVVDMCIREIESRGLNSEGLYRVSGFSDLIEDVKMAFDRDGEKADISVNMVEDINIITGALKLYFRDL PIPLITYDAYPKFIESAKIMDPDEQLETLHEALKLLPPAHCETLRYLMAHLKRVTLHEKENLMNAENLGI VFGPTLMRSPELDAMAALNDIRYQRLVVELLIKNEIDILF TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Tag: | C-Myc/DDK |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Labeling Method: | Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3 |
| Storage: | Store at -80°C. Avoid repeated freeze-thaw cycles. |
| Stability: | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| RefSeq: | NP_001020372 |
| RefSeq Size: | 2446 |
| RefSeq ORF: | 1377 |
| Synonyms: | ARHGAP2; CHN; DURS2; NC; RHOGAP2 |



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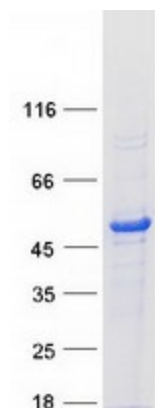
Locus ID: 1123

UniProt ID: [P15882](#)

Cytogenetics: 2q31.1

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# [TP302095]). The protein was produced from HEK293T cells transfected with CHN1 cDNA clone (Cat# [RC202095]) using MegaTran 2.0 (Cat# [TT210002]).