

Product datasheet for TP311342

Chimaerin 2 (CHN2) (NM_004067) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human chimerin (chimaerin) 2 (CHN2), transcript variant 2, 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC211342 protein sequence
Red=Cloning site **Green**=Tags(s)

MAASSNSSLSGSSVSSDAEEYQPPIWKSYLYQLQQEAPRPKRIICPREVENRPKYYGREFHGIISREQAD
ELLGGVEGAYILRESQRQPGCYTLALRFGNQTLNRYLFHDGKHFVGEKRFESIHDLVTDGLITLYIETKA
AEYISKMTTNPIYEHIGYATLLREKVSRRLSRSKNEPRKTNVTHEEHTAVEKISLVRRAALHNDNHFN
YEKTHNFKVHTFRGPHWCEYCANFMWGLIAQGVRCSDCGLNVHKQCSKHVPNDQCQDLKRIKKVYCCDLT
TLVKAHNTQRPMVVDICIREIEARGLKSEGLYRVSGFTEHIEDVKMAFDRDGEKADISANVYPDINIITG
ALKLYFRDLPIPVITYDTYSKFIDAAKISNADERLEAVHEVLMLLPPAHYETLRYLMIHLKKVTMNEKDN
FMNAENLGIVFGPTLMRPPEDSTLTTLHDMRYQKLIVQILIENEDVLF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 53.7 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_004058](#)



[View online »](#)

Locus ID: 1124

UniProt ID: [P52757](#), [A0A2X0TWW3](#)

RefSeq Size: 3461

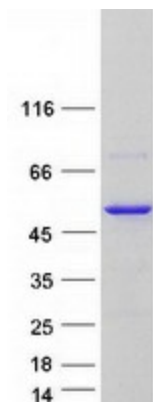
Cytogenetics: 7p14.3

RefSeq ORF: 1404

Synonyms: ARHGAP3; BCH; CHN2-3; RHOGAP3

Summary: This gene encodes a guanosine triphosphate (GTP)-metabolizing protein that contains a phorbol-ester/diacylglycerol (DAG)-type zinc finger, a Rho-GAP domain, and an SH2 domain. The encoded protein translocates from the cytosol to the Golgi apparatus membrane upon binding by diacylglycerol (DAG). Activity of this protein is important in cell proliferation and migration, and expression changes in this gene have been detected in cancers. A mutation in this gene has also been associated with schizophrenia in men. Alternative transcript splicing and the use of alternative promoters results in multiple transcript variants. [provided by RefSeq, May 2014]

Product images:



Coomassie blue staining of purified CHN2 protein (Cat# TP311342). The protein was produced from HEK293T cells transfected with CHN2 cDNA clone (Cat# [RC211342]) using MegaTran 2.0 (Cat# [TT210002]).