

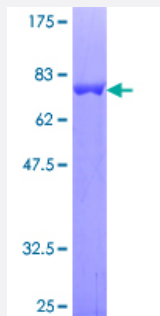
Full-Length

CHN1 (Human) Recombinant Protein (P01)

Catalog # H00001123-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CHN1 full-length ORF (NP_001813.1, 1 a.a. - 459 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MALTLFDTDDEYRPPVWKSYLEQLQQEAPHPRITCTCEVENRPKYYGREFHGMISREAADQLLIVA
EGSYLIRESQRQPGTYTLALRFGSQTRNFRLLYDGKHFVGEKRFESIHDLVTDGLITLYETKAAEYIA
KMTINPIYEHVGYTTLNREPAYKKHMPVLKETHDERDSTGQDGVSEKRLTSLVRRATLKENEQIPK
YEKIHNFKVHTFRGPHWCEYCANFMWGGLAQGVKCADCGLVNHHKQCSKMPNDCKPDLKHVKK
VYSCDLTTLVKAHTTKRPMVVDMCIREIESRGLNSEGLYRVSGFSDLIEDVKMAFDRDGEKADISV
NMYEDINIITGALKLYFRDLPIPLITYDAYPKFIESAKIMDPDEQLETLHEALKLLPPAHCETLRYLMAH
LKRVTLHEKENLMNAENLGMVFGPTLMRSPELDAMAALNDIRYQRLVVELLIKNEIDLF

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

79.6

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CHN1

Entrez GeneID [1123](#)**GeneBank Accession#** [NM_001822.3](#)**Protein Accession#** [NP_001813.1](#)**Gene Name** CHN1**Gene Alias** ARHGAP2, CHN, DURS2, RHOGAP2**Gene Description** chimerin (chimaerin) 1**Omim ID** [118423](#)**Gene Ontology** [Hyperlink](#)

Gene Summary This gene encodes GTPase-activating protein for p21-rac and a phorbol ester receptor. It plays a n important role in ocular motor axon pathfinding. Heterozygous missense mutations in this gene c ause Duane's retraction syndrome 2 (DURS2). Multiple transcript variants encoding different isofo rms have been found for this gene. [provided by RefSeq]

Other Designations A-chimaerin|Chimerin 1 (GTPase-activating protein, rho, 2)|Rho GTPase-activating protein 2|a2-c himaerin|alpha-chimerin|n-chimerin

Disease

- [Alcoholism](#)

- [Conduct Disorder](#)
- [Tobacco Use Disorder](#)