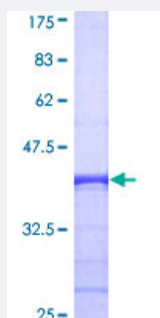


CHN1 (Human) Recombinant Protein (Q01)

Catalog # H00001123-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CHN1 partial ORF (AAH11393, 91 a.a. - 200 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	QTRNFRLYYDGKHFVGEKRFESIHDLVTDGLITLYETKAAEYAKMTINPIYEHVGYTTLNREPAYKKHMPVLKETHDERDSTGQDGVSEKRLTSLVRRATLKENEQIP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
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# [BC011393](#)

Protein Accession# [AAH11393](#)

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](#)