

Recombinant Human CHN1 Protein, GST-Tagged

Cat. No. CHN1-1256H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CHN1 full-length ORF (NP_001813.1, 1 a.a. - 459 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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]
Molecular Mass	79.6 kDa
AA Sequence	MALTLDFTDEYRPPVWKSYLEYQLQEQEAPHPRITCTCEVENRPKYYGREFHGMISR EAADQLLIVAEGSYLIRESQRQPGTYTLALRFGSQTRNFRLYYDGKHFVGEKRFESI HDLVTDGLITLYIETKAAEYIAKMTINPIYEHVGYTTLNREPAYKKHMPVLKETHDERD STGQDGVSEKRLTSLVRRATLKENEQIPKYEKIHNFKVHTFRGPHWCEYCANFMWG LIAQGVKCADCGLNVHKQCSKMVPNDCKPDLKHVKKVYSCDLTTLVKAHTTKRPMV VDMCIREIESRGLNSEGLYRVSGFSDLIEDVKMAFDRDGEKADISVNMIEDINIITGAL KLYFRDLPIPLITYDAYPKFIESAKIMDPDEQLETLHEALKLLPPAHCETLRYLMAHLKR VTLHEKENLMNAENLGIVFGPTLMRSPELDAMAALNDIRYQRLVVELLIKNEIDILF

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	CHN1 chimerin (chimaerin) 1 [Homo sapiens]
Official Symbol	CHN1
Synonyms	CHN1; chimerin (chimaerin) 1; CHN, Duane retraction syndrome 2, DURS2; N-chimaerin; ARHGAP2; Chimerin 1 (GTPase activating protein; rho; 2); n chimerin; RhoGAP2; n-chimerin; A-chimaerin; a2-chimaerin; alpha-chimerin; Rho GTPase-activating protein 2; NC; CHN; DURS2; RHOGAP2;
Gene ID	1123
mRNA Refseq	NM_001025201
Protein Refseq	NP_001020372
MIM	118423
UniProt ID	P15882

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