

Recombinant Human CHN1 protein

Cat. No. CHN1-2197H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CHN1 protein(NP_001813.1)(Ala2-Phe459) was expressed in Insect Cells.
Species	Human
Source	Insect Cells
ProteinLength	Ala2-Phe459
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% glycerol, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human CHN1 consists of 460 amino acids and has a calculated molecular mass of 53.2 kDa. The recombinant protein migrates as an approximately 45 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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