

Recombinant Human CHN1 protein

Cat. No. CHN1-240H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CHN1 protein(NP_001813.1) (Ala2-Phe459) was fused with two additional amino acids (Gly&Pro) at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	2-459 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% glycerol, pH 7.4.
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	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
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.

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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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