

Recombinant Human CHN2 Protein, His-tagged

Cat. No. CHN2-663H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CHN2(Met1~Cys264) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1~Cys264
Description	This gene encodes a guanosine triphosphate (GTP)-metabolizing protein that contains a phorbol-ester/diacylglycerol (DAG)-type zinc finger, a Rho-GAP domain, and an SH2 domain. The encoded protein translocates from the cytosol to the Golgi apparatus membrane upon binding by diacylglycerol (DAG). Activity of this protein is important in cell proliferation and migration, and expression changes in this gene have been detected in cancers. A mutation in this gene has also been associated with schizophrenia in men. Alternative transcript splicing and the use of alternative promoters results in multiple transcript variants.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	34.1kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 90%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others
GENE INFORMATION	
Gene Name	CHN2 chimerin (chimaerin) 2 [Homo sapiens]
Official Symbol	CHN2
Synonyms	CHN2; chimerin (chimaerin) 2; beta-chimaerin; ARHGAP3; beta chimerin; RhoGAP3; beta-chimerin; beta3-chimaerin; rho-GTPase-activating protein 3; BCH; CHN2-3; RHOGAP3; MGC138360;
Gene ID	1124
mRNA Refseq	NM_001039936
Protein Refseq	NP_001035025
MIM	602857

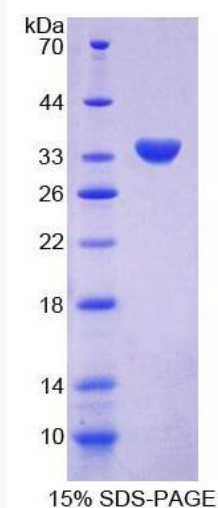
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