



# Recombinant Human N-chimaerin (CHN1)

<b>Product Code</b>	CSB-EP005368HU-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P15882
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	<p>ALTTFDTDE YRPPVWKSYL YQLQQEAPHP RRITCTCEVE NRPKYYGREF  HGMISREAAD QLLIVAEGSY LIRESQRQPG TYTLALRFGS QTRNFRLYYD  GKH FVGEKRF ESIHDLVTDG LITLYIETKA AEYIAKMTIN PIYEHVGYTT  LNREPAYKKH MPVLKETHDE RDSTGQDGVS EKRLTSLVRR ATLKENEQIP  KYEKIHNFKV HTFRGPHWCE YCANFMWGLI AQGVKCADCG LNVHKQCCKM  VPNDCKPDLK HVKKVYSCDL TTLVKAHTTK RPMVVDMCIR EIESRGLNSE  GLYRVSGFSD LIEDVKMAFD RDGEKADISV NMYEDINIIT GALKLYFRDL  PIPLITYDAY PKFIESAKIM DPDEQLETLH EALKLLPPAH CETLRYLMAH  LKRVTLHEKE NLMNAENLGI VFGPTLMRSP ELDAMAALND IRYQRLVVEL  LIKNEIDILF</p>
<b>Source</b>	E.coli
<b>Target Names</b>	CHN1
<b>Protein Names</b>	Recommended name: N-chimaerin Alternative name(s): A-chimaerin Alpha-chimerin N-chimerin Short name= NC Rho GTPase-activating protein 2
<b>Expression Region</b>	2-459
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	This gene encodes GTPase-activating protein for p21-rac and a phorbol ester receptor. It plays an important role in ocular motor axon pathfinding. Heterozygous missense mutations in this gene cause Duane s retraction syndrome 2 (DURS2). Multiple transcript variants encoding different isoforms have been found for this gene.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life



of lyophilized form is 12 months at -20°C/-80°C.