Recombinant Human N-chimaerin (CHN1)

Product Code	CSB-YP005368HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P15882
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	ALTLFDTDE YRPPVWKSYL YQLQQEAPHP RRITCTCEVE NRPKYYGREF HGMISREAAD QLLIVAEGSY LIRESQRQPG TYTLALRFGS QTRNFRLYYD GKHFVGEKRF ESIHDLVTDG LITLYIETKA AEYIAKMTIN PIYEHVGYTT LNREPAYKKH MPVLKETHDE RDSTGQDGVS EKRLTSLVRR ATLKENEQIP KYEKIHNFKV HTFRGPHWCE YCANFMWGLI AQGVKCADCG LNVHKQCSKM VPNDCKPDLK HVKKVYSCDL TTLVKAHTTK RPMVVDMCIR EIESRGLNSE GLYRVSGFSD LIEDVKMAFD RDGEKADISV NMYEDINIIT GALKLYFRDL PIPLITYDAY PKFIESAKIM DPDEQLETLH EALKLLPPAH CETLRYLMAH LKRVTLHEKE NLMNAENLGI VFGPTLMRSP ELDAMAALND IRYQRLVVEL LIKNEDILF
Source	Yeast
Target Names	CHN1
Protein Names	Recommended name: N-chimaerin Alternative name(s): A-chimaerin Alpha-chimerin N-chimerin Short name= NC Rho GTPase-activating protein 2
Expression Region	2-459
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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.
Reconstitution	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.
Shelf Life	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.