Recombinant Human A-kinase anchor protein 8 (AKAP8)

Product Code	CSB-YP001530HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O43823
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MDQGYGGYGA WSAGPANTQG AYGTGVASWQ GYENYNYYGA QNTSVTTGAT YSYGPASWEA AKANDGGLAA GAPAMHMASY GPEPCTDNSD SLIAKINQRL DMMSKEGGRG GSGGGGEGIQ DRESSFRFQP FESYDSRPCL PEHNPYRPSY SYDYEFDLGS DRNGSFGGQY SECRDPARER GSLDGFMRGR GQGRFQDRSN PGTFMRSDPF VPPAASSEPL STPWNELNYV GGRGLGGPSP SRPPPSLFSQ SMAPDYGVMG MQGAGGYDST MPYGCGRSQP RMRDRDRPKR RGFDRFGPDG TGRKRKQFQL YEEPDTKLAR VDSEGDFSEN DDAAGDFRSG DEEFKGEDEL CDSGRQRGEK EDEDEDVKKR REKQRRRDRT RDRAADRIQF ACSVCKFRSF DDEEIQKHLQ SKFHKETLRF ISTKLPDKTV EFLQEYIVNR NKKIEKRRQE LMEKETAKPK PDPFKGIGQE HFFKKIEAAH CLACDMLIPA QPQLLQRHLH SVDHNHNRRL AAEQFKKTSL HVAKSVLNNR HIVKMLEKYL KGEDPFTSET VDPEMEGDDN LGGEDKKETP EEVAADVLAE VITAAVRAVD GEGAPAPESS GEPAEDEGPT DTAEAGSDPQ AEQLLEEQVP CGTAHEKGVP KARSEAAEAG NGAETMAAEA ESAQTRVAPA PAAADAEVEQ TDAESKDAVP TE
Source	Yeast
Target Names	AKAP8
Protein Names	Recommended name: A-kinase anchor protein 8 Short name= AKAP-8 Alternative name(s): A-kinase anchor protein 95 kDa Short name= AKAP 95
Expression Region	1-692
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 protein
Target Details	The A-kinase anchor proteins (AKAPs) are a group of structurally diverse proteins, which have the common function of binding to the regulatory subunit of protein kinase A (PKA) and confining the holoenzyme to discrete locations within the cell. This gene encodes a member of the AKAP family. The encoded protein is located in the nucleus during interphase and is distinctly redistributed during mitosis. This protein has a cell cycle-dependent interaction with the RII

	subunit of PKA.
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.