



Recombinant Human Calpain-14 (CAPN14)

Product Code	CSB-EP004495HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	A8MX76
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MSLWPPFRCR WKLAPRYSRR ASPQQPQQDF EALLAECLRN GCLFEDTSFP ATLSSIGSGS LLQKLPPRLQ WKRPPPELHSN PQFYFAKAKR LDLCQGIVGD CWFLAALQAL ALHQDILSRV VPLNQSFTK YAGIFRFWFH HYGNWVPPVI DDRLPVNEAG QLVFVSSTYK NLFWGALLEK AYAKLSGSYE DLQSGQVSEA LVDFTEGGVTM TINLAEAHGN LWDILIEATY NRTLIGCQTH SGEKILENGL VEGHAYTLTG IRKVTCKHRP EYLVKLRNPW GKVEWKGDWS DSSSKWELLS PKEKILLLRK DNDGEFWMTL QDFKTHFVLL VICKLTPGLL SQEAAQKWTY TMREGRWEKR STAGGQRQLL QDTFWKNPQF LLSVWRPEEG RRSLRPCSVL VSLLQKPRHR CRKRKPLLAIFGYLYRMNKY HDDQRRLPPE FFQRNTPLSQ PDRFLKEKEV SQELCLEPGT YLIVPCILEA HQKSEFVLRV FSRKHIFYEI GSNSGVVFSK EIEDQNERQD EFFTKFFEKH PEINAVQLQN LLNQMTWSSL GSRQPFFSLE ACQGILALLD LNASGTMISIQ EFRDLWKQLK LSQKVFHKQD RSGGYLNWEQ LHAAMREAGI MLSDDVCQLM LIRYGGPRLQ MDFVSIHLM LRVENMEDVF QNLTQDGKGI YLQKPEWMMM ALYS
Source	E.coli
Target Names	CAPN14
Protein Names	Recommended name: Calpain-14 EC= 3.4.22.- Alternative name(s): Calcium-activated neutral proteinase 14 Short name= CANP 14
Expression Region	1-684
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
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.