



# Recombinant Human Calpain-14 (CAPN14)

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