



Recombinant Human Calpain-8 (CAPN8)

Product Code	CSB-EP004501HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	A6NHC0
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MAAQAAGVSR QRAATQGLGS NQNALKYLGQ DFKTLRQQCL DSGVLFKDPE FPACPSALGY KDLGPGSPQT QGIWKRPT LCPSPQFIVG GATRTDICQG GLGDCWLLAA IASLTNEEL LYRVVPRDQD FQENYAGIFH FQFWQYGEWV EVVIDDLPT KNGQLLFLHS EQGNEFWSAL LEKAYAKLNG CYEALAGGST VEGFEDFTGG ISEFYDLKKP PANLYQIIRK ALCAGSLLGC SIDVSSAAEA EAITSQKLVK SHAYSVTGVE EVNFQGHPEK LIRLRNPWGE VEWSGAWSDD APEWNHIDPR RKEELDKKVE DGEFWMSSLD FVRQFSRLEI CNLSPDSLSS EEVHKWNLVL FNGHWTRGST AGGCQNYPAT YWTNPQFKIR LDEVDEDQEE SIGEPCCTVL LGLMQKNRRW RKRIGQGMLS IGYAVYQVPK ELESHTDAHL GRDFFLAYQP SARTSTYVNL REVSGRARLP PGEYLVVPST FEPFKDGEFC LRVFSEKKAQ ALEIGDVVAG NPYEPHPSEV DQEDDQFRRL FEKLAGKDSE ITANALKILL NEAFSKRTDI KFDGFNINTC REMISLLDSN GTGTLGAVEF KTLWLKIQKY LEIYWETDYN HSGTIDAHEM RTALRKAGFT LNSQVQQTIA LRYACSKLGI NFDSFVACMI RLETFLKLFS LLDEDKDG MV QLSLAEWLCC VLV
Source	E.coli
Target Names	CAPN8
Protein Names	Recommended name: Calpain-8 EC= 3.4.22.53 Alternative name(s): New calpain 2 Short name= nCL-2 Stomach-specific M-type calpain
Expression Region	1-703
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.