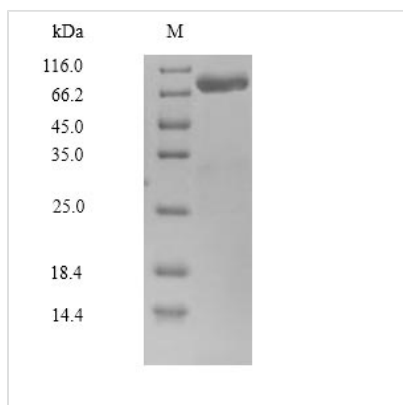




# Recombinant Human Calpain-14 (CAPN14), partial

<b>Product Code</b>	CSB-BP004495HU
<b>Relevance</b>	Calcium-regulated non-lysosomal thiol-protease.
<b>Abbreviation</b>	Recombinant Human CAPN14 protein, partial
<b>Storage</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.
<b>Uniprot No.</b>	A8MX76
<b>Alias</b>	Calcium-activated neutral proteinase 14
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	<p>                     LFEDTSFPATLSSIGSGSLLQKLPPRLQWKRPPPELHNSNPQFYFAKAKRLDLCQ                      GIVGDCWFLAALQALALHQDILSRVPLNQSFTEKYAGIFRFWFWHYGNWVPV                      VIDDRLPVNEAGQLVFSSTYKNLFWGALLEKAYAKLSGSYEDLQSGQVSEAL                      VDFTGGVTMTINLAEAHGNLWDILIEATYNRTLIGCQTHSGEKILENGLVEGHA                      YTLTGIRKVTCKHRPEYLVKLRNPWGKVEWKGDWSDSSSKWELLSPKEKILL                      RKDNDGEFWMTLQDFKTHFVLLVICKLTPGLLSQEAQKWYTMREGRWEKR                      STAGGQRQLLQDTFWKNPQFLLSVWRPEEGRRSLRPCSVLVSLQKPRHRC                      RKRKPLLAIGFYLYRMNKYHDDQRRLPPEFFQRNTPLSQPDRFLKEKEVSQEL                      CLEPGTYLIVPCILEAHQKSEFVLRVFSRKHIFYEIGSNSGVVFSKEIEDQNERQ                      DEFFTKFFEKHPEINAVQLQNLLNQMTWSSLGSRQPFFSLEACQGILALLDLNA                      SGTMSIQEFRDLWKQLKLSQKVFKQDRGSGYLNWEQLHAAMREAGIMLSD                      DVCQLMLIRYGGPRLQMDFVSIHLMLRVENMEDVFQNLTDGKGKIYLQKPE                      WMMMALYS                 </p>
<b>Research Area</b>	Others
<b>Source</b>	Baculovirus
<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>	43-684aa
<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>	N-terminal 10xHis-tagged and C-terminal Myc-tagged
<b>Mol. Weight</b>	78.6kDa
<b>Protein Length</b>	Partial
<b>Image</b>	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

### 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

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