



Recombinant Human Calpain-12 (CAPN12)

Product Code	CSB-MP757956HU
Abbreviation	CAPN12
Storage	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.
Uniprot No.	Q6ZSI9
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MASSSGRVTI QLVDEEAGVG AGRLQLFRGQ SYEAIRACL DSGILFRDPY FPAGPDALGY DQLGPDSEKA KGVKWMRPHE FCAEPKFICE DMSRTDVCQG SLGNCWFLAA AASLTLYPRL LRRVPPGQD FQHG YAGVFH FQLWQFGRWM DVVVDDRLPV REGKLMFVRS EQRNEFWAPL LEKAYAKLHG SYEVMRGGHM NEAFVDFTGG VGEVLYLRQN SMGLFSALRH ALAKESLVGA TALSDRGEYR TEEGLVKGHA YSITGTHKVF LGFTKVRLLR LRNPWGCVEW TGAWS DSCPR WDTLPTECRD ALLVKKEDGE FWMELRDFLL HFDTVQICSL SPEVLGPSPE GGGWHVHTFQ GRWVRGFNSG GSQPNAETFW TNPQFRLTLL EPDEEDEDE EGPWGGWGAA GARGPARGGR TPKCTVLLSL IQRNRRRLRA KGLTYLTVGF HVFQIPEELL GLWDS PRSHA LLPRLLRADR SPLSARRDVT RRCCLRPGHY LVVPSTAHAG DEADFTLRVF SERRHTAVEI DDVISADLQS LQGPYLPLEL GLEQLFQELA GEEEELNASQ LQALLSIALE PARAHTSTPR EIGLRTCEQL LQCFGHGQSL ALHHFQQLWG YLLEWQAIFN KFDEDTSGTM NSYELRLALN AAGFHLNQL TQTLTSRYRD SRLRVDFERF VSCVAHLTCI FCHCSQHLDG GEGVICLTHR QWMEVATFS
Source	Mammalian cell
Target Names	CAPN12
Protein Names	Recommended name: Calpain-12 EC= 3.4.22.- Alternative name(s): Calcium-activated neutral proteinase 12 Short name= CANP 12
Expression Region	1-719
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.