

Recombinant Human CAPN14 protein, His&Myc-tagged

Cat. No. CAPN14-2204H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CAPN14 protein(A8MX76)(43-684aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in Insect Cell.
Species	Human
Source	Insect Cells
ProteinLength	43-684aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	78.6 kDa
AA Sequence	LFEDTSFPATLSSIGSGSLLQKLPPRLQWKRPPELHSNPQFYFAKAKRLDLCQGIVG DCWFLAALQALALHQDILSRVVLNQSFTKEYAGIFRFWFWHYGNWVPVVIDDRLP VNEAGQLVFSSTYKNLFWGALLEKAYAKLSGSYEDLQSGQVSEALVDFTGGVTMT INLAEAHGNLWDILIEATYNRTLIGCQTHSGEKILENGLVEGHAYTLTGIRKVTCKHRP EYLVKLRNPWGKVEWKGDWSDSSSKWELLSPKEKILLRKDNDGEFWMTLQDFKT HFVLLVICKLTPGLLSQEAAQKWYTMREGRWEKRSTAGGQRQLLQDTFWKNPQF LLSVWRPEEGRRSLRPCSVLVSLQKPRHRCRKRKPLLAIGFYLYRMNKYHDDQRR LPPEFFQRNTPLSQPDRFLKEKEVSQELCLEPGTYLIVPCILEAHQKSEFVLRVFSRK HIFYEIGSNSGVVFSKEIEDQNERQDEFFTKFFEKHPEINAVQLQNLLNQMTWSSLG

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SRQPFFSLEACQGILALLDLNASGTMSIQEFRDLWKQLKLSQKVFBKQDRGSGYLN
WEQLHAAMREAGIMLSDDVCQLMLIRYGGPRLQMDFVSFIHLMLRVENMEDVFQNL
TQDGKGIYLQKPEWMMMALYS

Purity Greater than 90% as determined by SDS-PAGE.

Storage Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution 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.

GENE INFORMATION

Gene Name CAPN14 calpain 14 [Homo sapiens]

Official Symbol CAPN14

Synonyms CAPN14; calpain 14;

Gene ID 114773

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