

Recombinant Human CAPN14 Protein (43-684 aa), His-Myc-tagged

Cat. No. CAPN14-2797H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CAPN14 Protein (43-684 aa) is produced by Baculovirus expression system. This protein is fused with a 10xHis tag at the N-terminal and a Myc tag at the C-terminal. Protein Description: Partial.
Species	Human
Source	Insect Cells
ProteinLength	43-684 aa
Description	Calcium-regulated non-lysosomal thiol-protease.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	78.6 kDa
AA Sequence	LFEDTSFPATLSSIGSGSLLQKLPPRLQWKRPPELHSNPQFYFAKAKRLDLCQGIVG DCWFLAALQALALHQDILSRVPLNQSFTEKYAGIFRFWFHWHYGNWVPVVIDDRLP VNEAGQLVFSSTYKNLFWGALLEKAYAKLSGSYEDLQSGQVSEALVDFTGGVTMT INLAEAHGNLWDILIEATYNRTLIGCQTHSGEKILENGLVEGHAYTLTGIRKVTCKHRP EYLVKLRNPWGKVEWKGDWSDSSSKWELLSPKEKILLRKNNDGEFWMTLQDFKT HFVLLVICKLTPGLLSQEAAQKWYTMREGRWEKRSTAGGQRQLLQDTFWKNPQF LLSVWRPEEGRRSLRPCSVLVSLQKPRHRCRKRKPLLAIGFYLYRMNKYHDDQRR LPPEFFQRNTPLSQPDRFLKEKEVSQELCLEPGTYLIVPCILEAHQKSEFVLRVFSRK

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HIFYEIGSNSGVVFSKEIEDQNERQDEFFTKFFEKHPEINAVQLQNLLNQMTWSSLG
SRQPFFSLEACQGILALLDLNASGTMSIQEFRDLWKQLKLSQKVFBKQDRGSGYLN
WEQLHAAMREAGIMLSDDVCQLMLIRYGGPRLQMDFVSFIHLMLRVENMEDVFQNL
TQDGKGIYLLQKPEWMMMALYS

Purity > 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name CAPN14 calpain 14 [Homo sapiens]

Official Symbol CAPN14

Synonyms CAPN14; calpain 14;

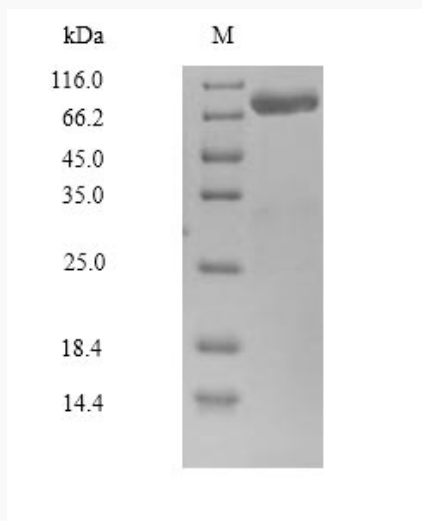
Gene ID 114773

UniProt ID A8MX76

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

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