

Recombinant Human CAPN2 protein, His-tagged

Cat. No. CAPN2-122H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CAPN2 protein(20-700 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	20-700 aa
Tag	N-His
Form	Liquid in sterile PBS, pH7.4, 10% Glycerol, 5% Trehalose.
Molecular Mass	The protein has a calculated MW of 82 kDa.
Endotoxin	< 1.0EU per 1µg (determined by the LAL method).
Purity	> 80% as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	1.0 mg/ml.
Reconstitution	Centrifuge the vial at 4°C before opening to recover the entire contents.

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AA Sequence

MGSSHHHHHHHHSSGLVPRGSHMASMTGGQQMGRGSSHDRAIKYLNQDYEAL
RNECLEAGTLFQDPSFPAIPSA LGFKELGPYSSKTRGIEWKRPTICADPQFIIGGAT
RTDICQGALGDCWLLAAIASLT LNEEILARVVPLNQSFQENYAGIFHFQFWQYGEWV
EVVVDDRLPTKDGELLFVHSAEGSEFWSALLEKAYAKINGCYEALSGGATTEGFEDF
TGGIAEWYELKKPPPNLFKIIQKALQKGSLLGCSIDITSAADSEAITFQKLVKGHAYSV
TGAEEVESNGSLQKLIRIRNPWGEVEWTGRWNDNCPSWNTIDPEERERLTRRHED
GEFWMSFSDFLRHYSRLEICNLTPDTLTSDTYKKWKLTKMDGNWRRGSTAGGCRN
YPNTFWMNPQYLIKLEEEDEDEEDGESGCTFLVGLIQKHRRRQRKMGEDMHTIGFG
IYEVPEELSGQTNIHLSKNFFLTNRARERSDTFINLREVLNRFKLPPGEYILVPSTFEP
NKDGDFCIRVFSEKKADYQAVDDEIEANLEEFDISEDDIDDGFRRLFAQLAGEDAEIS
AFELQTILRRVLAKRQDIKSDGFSIETCKIMVDM L DSDGSGKLGLKEFYILWTKIQKYQ
KIYREIDVDRSGTMNSYEMRKALEEAGFKMPCQLHQVIVARFADDQLIIDFDNFVRCL
VRLET LFKIFKQLDPENTGTIELDLISWLCFSVL

GENE INFORMATION

Gene Name CAPN2 calpain 2, (m/II) large subunit [Homo sapiens]

Official Symbol CAPN2

Synonyms CAPN2; calpain 2, (m/II) large subunit; calpain-2 catalytic subunit; CANPL2; CANPml; mCANP; CANP 2; M-calpain; calpain M-type; millimolar-calpain; calpain-2 large subunit; calpain 2, large subunit; calpain large polypeptide L2; calpain, large polypeptide L2; calpain 2, large [catalytic] subunit; calcium-activated neutral proteinase 2; CANP2; FLJ39928;

Gene ID 824

mRNA Refseq NM_001146068

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Protein Refseq NP_001139540

MIM 114230

UniProt ID P17655

SDS-PAGE



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