

Recombinant Mouse Capn3 protein, His-tagged

Cat. No. Capn3-5473M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Capn3 protein(Q64691)(46-419aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Mouse
Source	E.coli
ProteinLength	46-419aa
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	49.1 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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.

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AA Sequence

IISRNFPPIIGVKEKTFEQLRRKCLEKKVLYLDPEFPPDETSLFYSQKFPIQFVWKRPEI
 CENPRFIIGGANRTDICQGD LGDCWFLAAIACLT LNERLLFRVIPHDQSFTENYAGIFH
 FQFWRYGDWVDVVIDDCLPTYNNQLVFTKSNHRNEFW SALLEKAYAKLHGSEYALK
 GGNTTEAMEDFTGGVTEFFEIKDAPSDMYKIMRKA IERGSLMGCSIDDGTNMTYGT
 SPSGLNMGELIARMVRNMDNSLLRDSLDLPRGSDDRPSRTIVPVQYETRMACGLVK
 GHAYSVTGLEEALFKGEKVKLVRLRNPWGQVEWNGSWSDGWKDWSFVDKDEKA
 RLQHQVTEDEGEFWMSYDDFVYHFTKLEICNL TAD

GENE INFORMATION

Gene Name [Capn3 calpain 3 \[Mus musculus \]](#)

Official Symbol [Capn3](#)

Synonyms CAPN3; calpain 3; calpain-3; CANP 3; calpain L3; calpain p94; skeletal muscle specific calpain p94; calcium-activated neutral proteinase 3; muscle-specific calcium-activated neutral protease 3; p94; Lp82; Capa3; Capa-3; AI323605;

Gene ID [12335](#)

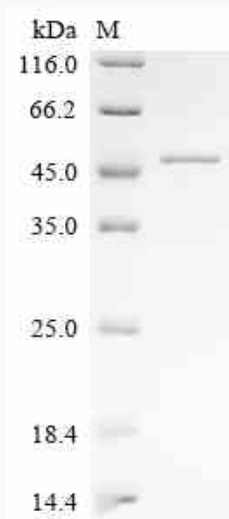
mRNA Refseq [NM_001109761](#)

Protein Refseq [NP_001103231](#)

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SDS-PAGE

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