

Recombinant Human CAPN3 protein, GST-tagged

Cat. No. CAPN3-301255H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CAPN3 protein(488-666 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	488-666 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

GENE INFORMATION

Official Symbol	CAPN3
Synonyms	CAPN3; calpain 3, (p94); LGMD2, LGMD2A; calpain-3; CANP3; nCL 1; p94; calpain L3; new calpain 1; calpain, large polypeptide L3; calcium-activated neutral proteinase

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3; calpain p94, large [catalytic] subunit; muscle-specific calcium-activated neutral protease 3 large subunit; LGMD2; nCL-1; CANPL3; LGMD2A; MGC4403; MGC10767; MGC11121; MGC14344;

Gene ID [825](#)

mRNA Refseq [NM_000070](#)

Protein Refseq [NP_000061](#)

MIM [114240](#)

UniProt ID [P20807](#)

SDS-PAGE

