

## Recombinant Human CAPN3 protein, GST-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CAPN3 protein(488-666 aa), fused with N-terminal GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	488-666 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
<b>Storage</b>	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.
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

### GENE INFORMATION

<b>Official Symbol</b>	<a href="#">CAPN3</a>
<b>Synonyms</b>	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**



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