Recombinant Human CAPN3 protein, His-tagged

Cat. No. CAPN3-263H **Lot. No.** (See product label)

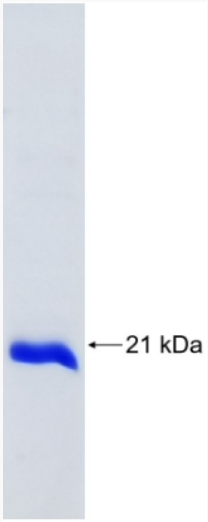
SPECIFICATION

Product Overview	Recombinant Human CAPN3 protein(1-156 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-156 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
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	

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