

## calpain-3

Cat. No. EXWM-4229

Lot. No. (See product label)

### Introduction

**Description** This Ca<sup>2+</sup>-dependent enzyme is found in skeletal muscle and is genetically linked to limb girdle muscular dystrophy type 2A. The enzyme is activated by autoproteolytic cleavage of insertion sequence 1 (IS1), which allows substrates and inhibitors gain access to the active site. Substrates include the protein itself and connectin/titin. Belongs in peptidase family C2.

**Synonyms** p94; calpain p94; CAPN3; muscle calpain; calpain 3; calcium-activated neutral proteinase 3; muscle-specific calcium-activated neutral protease 3; CANP 3; calpain L3

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 3.4.22.54

**Reaction** Broad endopeptidase activity

**Notes** This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

### Storage and Shipping Information

**Storage** Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.